T. BROOKS &
ASSOCIATES

LIMITED ASBESTOS SURVEY
& LEAD-BASED PAINT
INSPECTION REPORT

V.A. MEDICAL CENTER
BUILDING 24
2615 E. CLINTON AVENUE
FRESNO , CALIFORNIA

PREPARED FOR:

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Roof Consulting / Asbestos, Lead & IAQ Consulting

T. BROOKS &
ASSOCIATES

March 21, 2011 Project #11-5789

Mr. Bill Blayney
HMC Architects
1827 E. Fir Avenue, Studio 103
Fresno, California 93720

SUBJECT: Limited Asbestos & Lead-Based Paint Survey Report
V.A. Medical Center – Building 24
2615 E. Clinton Avenue
Fresno, California 93703

Dear Mr. Blayney:

In accordance with your request and authorization, **T. Brooks & Associates, Inc**. has conducted a limited Asbestos and Lead-Based Paint Survey involving specified portions of the above referenced structure located at the VA Medical Center, located in Fresno, California. The survey was requested due to planned renovation/demolition operations impacting those portions of the medical center considered as part of our investigation. The Client wishes to be notified as to the presence and location of asbestos-containing materials and/or lead-based, or lead-containing paint which may impact the proposed renovation operations involving specified areas of the subject structure.

We appreciate the opportunity to assist you. If you should have questions or require additional information, please contact us at (559) 298-9135.

Respectfully,

T. BROOKS & ASSOCIATES, INC.

Troy F. Brooks, CAC, RRC, CIEC
Certified Asbestos Consultant, No. 92-0186
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INTRODUCTION

In accordance with your request and authorization, **T. Brooks & Associates, Inc.** has conducted a limited Asbestos Survey and Lead-Based Paint Inspection involving specified interior and exterior portions of Building 24 at the referenced V.A. Medical Facility. The enclosed survey was requested due to proposed renovation/demolition operation impacting the above referenced structure. The following sections present a description of the structure, current site use, pertinent regulatory information, description of sampled materials, and analysis of findings and our recommendations specific to compliance with renovation/demolition operations.

ASBESTOS INVESTIGATION

OBJECTIVE AND SCOPE OF SERVICES – ASBESTOS

The objective of this investigation was to evaluate existing suspect asbestos-containing building materials at specified interior and exterior areas of the subject structure. The investigation consisted of limited, representative bulk sampling, and subsequent laboratory analysis of suspect asbestos-containing building materials at interior and exterior areas of the subject structure to be impacted by the proposed scope of renovation/demolition. The scope of sampling was conducted in accordance with the NESHAP regulation of the U.S.E.P.A. the requirements of the San Joaquin Valley Air Pollution Control District, and Cal/OSHA regulations. Sampling locations were selected by the inspector based on referenced regulatory requirements and review of plans prepared by the primary design professional which reflect the scope of the renovation. Sampling was conducted utilizing limited destructive techniques. Suspect asbestos-containing materials were characterized by size, color and texture in order to quantify materials and to draw conclusions based on bulk sample results.

Bulk sample analysis was provided by Environmental Management Consultants, an independent, NVLAP accredited laboratory (NVLAP No. 101926-0) located in Phoenix, Arizona and specializing in asbestos analysis. Bulk samples were individually bagged and numbered for identification and to maintain a chain-of-custody as part of this report.

APPLICABLE REGULATIONS

Environmental Protection Agency

The National Emission Standard for Hazardous Air Pollutants (NESHAP), which was promulgated by the Federal Environmental Protection Agency (EPA), identifies "facilities" subject to asbestos regulation and requires completion of prescribed procedures including "asbestos surveys" prior to commencement of demolition or renovation activities involving all commercial and certain residential structures.

In addition to the Federal NESHAP standard, other regulations pertaining to asbestos also exist on federal, state, county and local levels. The San Joaquin Valley Air Pollution Control District Air Pollution Control District (SJVAPCD) has been charged with the administration and oversight of these programs in the area of the subject site. The SJVAPCD requires filing of a notification by the Contractor and payment of applicable fees to their agency on all demolition, and renovation projects involving in excess of 160 square feet, 260 linear feet, or 35 cubic feet of "Regulated Asbestos Containing Material" (RACM) which includes all friable materials or non-friable materials in friable condition.

Based on the Subject Site location, the appropriate SJVAPCD region office is located at:

1990 E. Gettysburg
Fresno, California 93726-0244
(559) 230-5950

Due to the voluminous nature of applicable asbestos regulations, a copy of the NESHAP regulation (40 CFR Part 61 Subpart M) is included as **Appendix F**. SJVAPCD documents and standardized forms are included in **Appendix G** for use in complying with their requirements.

The SJVAPCD requires that all friable, asbestos-containing materials (RACM) be removed prior to engaging in "any" demolition or regulated renovation activities which would disturb materials referenced in the enclosed report. In addition, they recommend that all non-friable materials be removed due to the fact that forces associated with normal renovation and demolition operations may render such materials friable.

Arrangements for a site visit and determination by a representative of the SJVAPCD may be possible if the condition or disposition of a specific material is in question.

Occupational Safety and Health Administration

The Occupational Safety and Health Administration (OSHA), regulates construction activities including those which involve disturbance of asbestos-containing materials, or suspect

ACM. OSHA regulations for asbestos materials exist at both state (Cal-OSHA) and federal (Fed-OSHA) levels and are intended to protect workers from occupational exposures to these materials.

Federal asbestos regulations, including the Federal Construction Industry Asbestos Standard (29 CFR 1926.1101) and State of California Standard (Title 8 CCR 1529) mandate that all construction materials classified as "Thermal System Insulation" (TSI) or "Surfacing Material" (sprayed or troweled in place of an acoustical nature) installed in buildings prior to January 1, 1981, be classified as "Presumed Asbestos Containing Materials" (PACM). This designation may only be refuted by extensive testing procedures of each homogeneous material in compliance with 40 CFR 763 Subpart E, the "AHERA" regulations of the EPA).

Appropriate controls including air sampling are required during the disturbance of any asbestos containing material (ACM) in order to document any potential airborne fiber release which may expose workers or others to regulated levels of airborne asbestos.

Certified Asbestos Consultant and Site Surveillance Technician

The California Business and Professions Code specifies that only a State of California, Certified Asbestos Consultant may provide design, environmental air sampling and other consulting services on behalf of building owners relating to abatement projects. Certified Site Surveillance Technicians (SST's) typically perform bulk sampling, air monitoring, and other functions under the surveillance of a Certified Asbestos Consultant.

Definition of Asbestos Containing Material

Cal-OSHA	>0.1% by weight *
State of California, Health & Safety Code	>0.1%
Fed-OSHA	>1.0% by weight
Cal-EPA	friable and >1% asbestos
EPA	friable and >1% asbestos

* Under Cal-OSHA regulations, materials containing between 0.01% - 1.0% are classified as "Asbestos Construction Containing Material". The materials would not be regulated by the EPA and the waste may be disposed of as non-hazardous.

Work Categories - Fed OSHA, 29 CFR 1926.1101
Cal-OSHA, Title 8, CCR 1529

Classify abatement operations under four distinct activities which trigger different provisions within the standard. Those activities presenting the greatest risk are designated Class I work, with decreasing risk potential for each successive class.

The work categories and brief descriptions are as follows:

Class I - Abatement involving thermal system insulation (TSI) and sprayed-on or troweled-on or otherwise applied surfacing ACM.

Class II - Abatement of ACM or PACM other than TSI or Surfacing Materials. (Typically includes roofing and flooring materials)

Class III- Repair and maintenance operations which are likely to disturb ACM, or

Class IV- Custodial and housekeeping operations where minimal contact with ACM and/or PACM may occur.

Unclassified - Operations involving abatement of materials which contain detectable levels of asbestos up to and including, but not in excess of 1%.

NESHAP regulations are mandated for renovation or demolition activities exceeding the following construction material quantities at each project location:

> 160 square feet (sf)
> 260 linear feet (lf)
> 35 cubic feet (cf)

Refer to **Appendices F- H** for additional information regarding specific procedures for demolition or renovation activities.

INVESTIGATION

The inspection and sampling event of the subject structure was conducted by Timothy Thomas, Certified Asbestos Consultant, 09-4487 on March 9, 2011. Professional Certifications and Laboratory Certifications are presented in **Appendix J.**

Building Construction and Use

The subject site includes a multi-story office building, portions of which were considered as part of our investigation. Our investigation was limited to those portions of the structure to be impacted by the planned renovation/demolition operations based on review of project drawings provided for our use. The structure is of concrete construction. Interior walls typically consisted of gypsum wallboard. Finish floor coverings included vinyl tile and carpet. Ceiling finishes included suspended ceiling systems and gypsum wallboard. Floor plans were provided for our use in documenting sampling locations and for quantifying those materials testing positive for regulated levels of asbestos. The date of construction was not provided for our use.

Materials Sampled

Materials to be sampled were at the discretion of the sampler and were selected based upon a description of proposed renovation/demolition operations by the clients primary design professional. The sampled materials are not intended to represent materials at locations other than those specifically sampled. Should It be determined that additional suspect materials will be

impacted by the proposed renovation/demolition operations, additional materials must be sampled by a certified asbestos professional and submitted for analysis or assumed to be asbestos-containing.

Materials selected for sampling and subsequent laboratory analysis included the following:

PROJECT SITE: V.A. Medical Center – Building 24 , Fresno, CA

Sampled Materials	**EPA Classification**	**NESHAP CAT.**
Ceiling Materials		
- 2' x 4' Ceiling Tile	Miscellaneous Material	RACM
- Drywall w/ Joint Compound, & Paint	Miscellaneous Material	RACM
Wall Materials		
- Cove Base Adhesive	Miscellaneous Material	Cat. II, N.F.
- Cove Base w/ Adhesive	Miscellaneous Material	Cat. II, N.F.
- Cove Base w/ Adhesive & Drywall	Miscellaneous Material	RACM
- Cove Base w/ Adhesive, Drywall, & Paint	Miscellaneous Material	RACM
- Drywall w/ Joint Compound, Texture, & Tape	Miscellaneous Material	RACM
- Drywall w/ Joint Compound, Paint, & Wallpaper	Miscellaneous Material	RACM
- Drywall w/ Joint Compound, Taping Mud, & Paint	Miscellaneous Material	RACM
- Drywall w/ Joint Compound, & Paint	Miscellaneous Material	RACM
- Exterior Stucco Wall Finish	Miscellaneous Material	RACM
Flooring Materials		
- 12" x 12" Vinyl Floor Tile w/ Mastic	Miscellaneous Material	Cat. I, N.F**
- Carpet Mastic	Miscellaneous Material	Cat. I, N.F**
- Carpet Mastic w/ Subfloor	Miscellaneous Material	Cat. II, N.F**
Miscellaneous Materials		
- Window Gasket	Miscellaneous Material	Cat. II, N.F
- Fireproofing	Surfacing Material	RACM
- Built-up Roofing	Miscellaneous Material	Cat. I, N.F
- Built-up Roofing w/ Insulation	Miscellaneous Material	RACM
- Roof Wall Flashing	Miscellaneous Material	Cat. I, N.F
- Plastic Roof Cement	Miscellaneous Material	Cat. I, N.F

* These classifications are based on classifications by the AHERA regulations of the Environmental Protection Agency. All asbestos containing materials may be rendered friable by the forces acting upon them.

** Removal of flooring products, including mastics by mechanical means would change their EPA classification to RACM (friable) and would require compliance with state and local regulations.

Bulk Sample Results

Of those samples submitted for analysis, a total of five (5) samples collected from specified portions of the subject structure was found to include one or more layers that tested positive for asbestos in amounts (>1.0%). Those samples testing positive for asbestos content consisted of three (3) samples of 12" x 12" Vinyl Floor Tile & Associated Mastic, one (1) sample of 12" x 12" Vinyl Floor Tile, and one (1) sample of Plastic Roof Cement.

All other samples tested negative for asbestos content.

Refer to enclosed **Tables No. 1 & 2** for additional information concerning material descriptions, locations, quantities, and an estimate of probable cost to abate those materials testing positive for asbestos content.

Those materials containing asbestos in amounts exceeding 1.0%, or materials assumed to be asbestos-containing, and classified as RACM, or non-friable ACM which is rendered friable as a result of renovation/demolition operations involving the subject structure would be classified as "Regulated Asbestos-Containing Material" under the NESHAP regulation. All materials herein referenced as testing negative for asbestos content may be treated as non-asbestos containing in terms of proposed renovation/demolition operations involving specified portions of the subject structure.

Based on the sample results, it is my opinion that those building materials within defined areas testing positive for regulated levels of asbestos, as well as all homogeneous materials represented by the samples, and which will be disturbed as part of renovation/demolition operations must be treated as asbestos-containing materials. Work involving disturbance of referenced asbestos containing materials must be conducted by a State of California licensed and DOSH registered abatement contractor.

Any additional suspect materials which may be discovered during the course of construction related activities, and for which representative sampling has not been submitted must be sampled by an accredited asbestos individual and analyzed prior to being disturbed or "assumed' to be asbestos-containing and treated accordingly.

ANALYSIS OF FINDINGS

Asbestos-containing materials are classified by their "Friability" which is defined as material that when dry may be crumbled, pulverized, or reduced to powder by hand pressure. In addition, the "Friability" classification is not only determined by the nature and condition of the ACM, but also

by work practices to which the material may be exposed during renovation/demolition activities. The "Friability" classification is critical in determining the applicable regulations, work practices and disposal requirements.

Workers engaged in the abatement and/or renovation or demolition activities involving referenced materials would be covered by applicable Cal/OSHA regulations.

Vinyl Floor Tile & Associated Mastic

Vinyl floor tile and associated mastic is normally classified as non-friable material in terms of abatement operations, transportation, and disposal. Non-friable materials, when packaged properly, may be disposed of at a local landfill accepting non-friable ACM. Mastic must be in a non-liquid state to be accepted by most landfills.

Under the NESHAP, removal of vinyl floor tile and associated mastic using mechanical means would render the materials friable, changing their status to RACM. Abatement of RACM in amounts exceeding the minimum threshold amounts would require filing of a completed Notification with the SJVUAPCD, a ten-day waiting period, transportation by a licensed hazardous waste hauler, and disposal as hazardous waste.

Removal of these materials would be classified as a Class II operation under current OSHA regulations. Notification to the local Cal-OSHA office is required prior to commencement with operations which will disturb these materials.

While one (1) representative vinyl floor tile sample collected as part of our investigation was found to include adhesive which did not contain asbestos, based on the remaining sample results, we have concluded that all vinyl flooring mastic should be considered to be asbestos-containing.

Plastic Roof Cement

A representative sample of plastic roof cement, collected at a typical roof penetration was found to contain regulated amounts of asbestos. Under current CAL/OSHA regulations, mastics and coatings are classified as non-friable ACM if removed using non-mechanical means. Removal must be completed utilizing hand tools only.

ADDITIONAL CONSIDERATIONS

Fees to the SJVAPCD would be required for abatement of those materials identified herein as asbestos-containing if the total amount of RACM to be disturbed as part of the proposed renovation and/or demolition project exceeds the minimum threshold amount of 160 s.f. or 260 l.f.

Those materials in non-friable condition would not be regulated by the SJVAPCD unless they are rendered friable by the proposed renovation/demolition operations and/or removed by mechanical means. Should the work operations involve removal of any load-bearing member, the operation would be defined as a "demolition" under the NESHAP. A ten-day waiting period would be required prior to proceeding with any demolition operations as herein defined.

REGULATORY AGENCIES AND REQUIREMENTS

Following is a brief description of regulatory agencies and regulatory requirements:

Federal

Environmental Protection Agency (EPA) - NESHAP Notification - 40 CFR 61 - Subpart M Requires notification in all demolition operations whether the building contains asbestos or not. Requires notification when renovation/demolition involves greater than 160 square feet or 260 linear feet of friable ACM.

San Joaquin Valley Air Pollution Control District

San Joaquin Valley Air Pollution Control District (SJVAPCD) - Enforcement of NESHAP regulations.

Enforces notification in all demolition operations whether the building contains asbestos or not, and all renovation project involving in excess of 160 square feet, 260 linear feet, or 35 cubic feet of RACM.

Requires the removal of all regulated ACM as part of any demolition/renovation process conducted in any structure which falls under their jurisdiction. Non-friable (Category I and II) ACM may be required to be removed at the discretion of the local air pollution control district. Typically, the SJVAPCD, while not requiring abatement of non-friable materials in "intact" condition prior to demolition operations, recommends that all ACM (including non-friable) be abated as forces associated with normal renovation/demolition operations may render such materials friable.

Cal-OSHA

State of California, Department of Industrial Relations, Division of Occupational Safety and Health enforces regulations pertaining to worker protection. New Cal-OSHA standard (Title 8, CCR 1529) took effect on July 1, 1996 and was adopted from the Federal OSHA standard. The standard mandates procedures and engineering controls necessary to protect employees of the contractor, building occupants and others and requires filing of a "Temporary Jobsite Notification" with local compliance office prior to commencing with abatement activities involving any quantity of material.

RECOMMENDATIONS

Prior to proceeding with any scheduled renovation/demolition operation involving those portions of the subject structure considered as part of our investigation, have all materials identified in this report as containing asbestos in amounts in excess of 0.1%, and which will be disturbed as

part of the planned renovation/demolition be removed by a qualified, licensed abatement contractor with a demonstrated history of similar projects and regulatory compliance. Insure all work operations are conducted in accordance with applicable OSHA requirements. Contractor should be required to document evidence of current training, licensing and asbestos specific insurance coverage.

Conduct additional bulk sampling and analysis of any additional suspect materials to be impacted by the proposed work operations which were not considered as part of our investigation as required under state, local and federal regulations.

Retain the Services of a State of California, Certified Asbestos Consultant. The consultant may provide project design, management, air monitoring and other services, which will ensure compliance with applicable regulations and minimize potential liability to the Building Owner, which may arise as a result of work associated with the project. Prior to proceeding with any scheduled abatement, renovation, or demolition operation, comply with the Notification requirements of Cal/OSHA and the SJVUAPCD where regulated abatement activities and/or demolition operations are involved. Under the NESHAP, a "demolition" is defined as any operation which removes any intact structural building element.

LEAD-BASED PAINT INSPECTION REPORT

OBJECTIVE AND SCOPE OF SERVICES – LEAD

The inspection and lead sampling event of the subject site was conducted by Mr. Chad Calhoun, CDPH Certified Inspector/Assessor for Lead (No. 19036), on March 9, 2011. Professional Certifications and Laboratory Certifications are presented in **Appendix J.**

Scope of Investigation

The Lead-Based Paint Inspection was conducted in accordance with Title 17 - California Code of Regulations, Division 1, Chapter 8, and 8 CCR 1532.1 (Cal/OSHA), The sampling event was conducted in a manner which provides limited, representative evaluation of painted surfaces at referenced locations at the subject building site in accordance with Chapter 7 (Lead-Based Paint Inspection) of the "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing". Testing locations provide an overall representation of painted finishes present at interior areas of those portions of the subject structure considered as part of our limited inspection. The referenced inspection is representative in nature and is limited in based on the limitations of the referenced regulatory standard.

The sampling event included testing of one hundred and sixty-five (165) individual testing combinations attached to specified portions of the subject structure. The XRF instrument was calibrated prior to, and following the prescribed sampling period in accordance with the Performance Characteristic Sheet provided by the manufacturer. Calibration readings are included in the XRF sampling results as the initial and concluding readings and are designated as a "calibrate" reading. The calibration readings were compared to a known concentration of lead using a standard SRM sheet provided by the XRF manufacturer to verify accurate performance of the instrument at the beginning and the conclusion of the sampling episode.

Sample Methodology

Enclosed results are based on total lead content regardless of the number of paint layers present at each specific test location. Each referenced area includes data generated by the testing instrument. Lead content at a level equivalent to 5,000 ppm would be classified as "Lead-Based Paint" by HUD, The State of California, and the EPA. Each result must also be compared to the applicable OSHA level ("any detectable amount", or 600 ppm), dependent upon the appropriate trigger activity. Sampling Equipment

Sampling was conducted using a *Niton Corporation* Spectrum Analyzer Lead Detector, Model XLp-300 (Serial No.15425). The instrument was utilized within the operating parameters established by *Niton Corporation* as indicated in the Performance Characteristic Sheet.

Definition of Lead Based Paint

Title X	>1.0 mg/cm² or >0.5% by weight
HUD	1.0 mg/cm² or 0.5% by weight
DHS	1.0 mg/cm² or > 0.5 % by weight
CPSC	600 ppm or .06% by weight
OSHA	600 ppm or .06% by weight or any detectable amount

(Note subtle differences dependent upon preceding mathematical symbols)

APPLICABLE REGULATIONS FOR LEAD

The following includes the primary agencies which govern lead related work and a brief list of their components and responsibilities.

Occupational Safety and Health Administration

Federal Standards	General Industry Standard	29 CFR 1910.1025
	Construction Industry Standard	29 CFR Part 1926.62
State Standards	General Industry Standards	8 CCR 5216
	Construction Industry Standards	8 CCR 1532.1

The Occupational Safety and Health Administration (OSHA), is focused on protecting the health and safety of workers, including construction activities which disturb lead containing paints, surface coatings, and other materials. OSHA regulations for lead materials exist at both state (Cal-OSHA) and federal (Fed-OSHA) levels and are intended to protect workers from occupational exposures to these materials.

Federal and State lead regulations, including the Lead in Construction Standard 29 CFR 1926.62 (Federal Standard) and Title 8 CCR 1532.1, (California standard) regulate disturbance of lead containing materials during construction, demolition, and maintenance related activities. The Federal standard was adopted in May of 1993. The State of California adopted this standard in November 1993.

Appropriate engineering controls, personal protective equipment, training, specific work practices, and representative air sampling are required by both Cal/OSHA and OSHA whenever workers will disturb lead in any concentration (including less than 600 ppm) as this disturbance may result in airborne exposures over the Action Limit (AL) or Permissible Exposure Limit (PEL). Initial blood lead testing is required above the AL (30 ug/m;), and a written site specific "Compliance Plan" is required for all projects where a Negative Exposure Assessment has not been generated. Medical removal is required for any worker whose blood lead level > 50 ug/dl.

U.S. Environmental Protection Agency

Title X was promulgated by the U.S. Congress in 1992 and required the U.S. Environmental Protection Agency (USEPA), to define lead hazards and to develop certification programs.

Major components of EPA pertaining to Lead Containing Materials

- Established a lab accreditation program
- Defined hazards in dust and soil (revised June 1998)
- Evaluates inspection & removal products (ongoing)
- Requires disclosure & information prior to sale/rental of pre-1978 housing (in effect)
- Mandate information for renovation /remodel work (in effect 6/99)
- Developed an accreditation and training program effective in states that do not have their own program

California Environmental Protection Agency

Cal-EPA determines when lead paint waste is a hazardous waste in California, and how it must be disposed. The California Department of Toxic Substance Control (DTSC), as part of Cal-EPA oversees regulated disposal issues related to hazardous waste in California.

Procedures for the identification, management, transport, record keeping, and disposal of all types of hazardous waste are set forth in Title 22, CCR, Sections 66260.1-66263.12 and 66268.1-66268.124, and the Health and Safety Code, section 25163, subdivision (c).

Department of Housing and Urban Development (HUD)

Developed regulations and guidance documents for use on HUD properties. Its Guidelines are generally considered state-of-the-art in the lead abatement industry. HUD guidelines establish strategies for completion of lead survey and risk assessments, clearance strategies, work practices, engineering controls and worker safety procedures.

While HUD guidance documents were developed specifically for HUD properties, both the California DHS work practice regulations and the EPA Model Accreditation Program for lead mandate you follow HUD Guideline procedures in many facilities.

HUD developed the following guidance documents which are industry standards:

- 1989 - published A Lead-based Paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing, referred to as the "Old HUD Guidelines".
- 1995 - published "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing".
- HUD is developing work practice regulations applicable to HUD housing which are to take effect sometime in 1999.

California Department of Public Health (CDPH)

Developed and enforces a comprehensive regulation that provides an accreditation process for lead training providers, a certification program for individuals, and specified required work practices for lead hazard evaluations and lead hazard control work.

- Promulgated the California CDPH Lead Training, Accreditation, Certification and Work Practices - Title 17, CCR, Division 1, Chapter 8, (Sections 35000-361000). Specifies work practices involved in lead inspections, risk assessments and hazard reduction work in all residential and public buildings in California. Also requires training, passage of exams, and certification of individuals that conduct lead hazard assessments or work to reduce or eliminate lead hazards. Revised standard took effect on January 8, 1999.

Key Provisions:
Defines "lead hazards" in dust, paint, and soil
Defines almost all paint as "presumed" LBP
Excludes post 1978 housing, and schools built after 1992
Requires notifications to CDPH prior to disturbance of LBP

Requires specific work practices (containment, clearance testing, etc.)

Requires individuals to be "certified" for some work

CDPH Certification is required in the following cases:

- Exceed PEL in California (50 ug/m;) (Cal-OSHA)
- Conduct lead hazard evaluation or "abatement" (CDPH)
- Residential Inspections for EPA Disclosure Rule compliance
- Title X funded projects (U.S. Congress)
- California public elementary and preschools (Ed. Code Section 32243 b)
- When prescribed by project specifications.

DPH Certification Classifications	**Brief Description**
Lead Related Inspector/Assessor	Conduct inspections or assessments for LBP
Lead Related Supervisor	Supervise lead project as Contractor
Lead Related Project Monitor	Monitor lead project on behalf of Client
Lead Related Project Designer	Design a lead abatement project
Lead Related Worker	Engage is lead related work as a worker

OSHA Trigger Activities (Tasks)

Fed OSHA, 29 CFR 1926.62

Cal-OSHA, Title 8, CCR 1532.1

Classify trigger tasks under three distinct activity groups which assume that you may reach specified airborne exposure levels. Those tasks presenting the least risk are designated Activity 1 tasks, with increasing risk potential for each successive class.

The three (3) trigger task categories and assumed airborne levels are as follows:

Trigger Activity I - (50 -500 ug/m^3)	manual demolition, scraping and sanding, using heat guns, using HEPA equipment, debris cleanup
Trigger Activity II - (500 - 2500 ug/m^3)	lead mortar, burning, rivet busting, use of non-HEPA equipment, dry abrasive blast cleanup
Trigger Activity III - (2500 ug/m ^{3})	welding, abrasive blasting, torch cutting, and burning

Prior to obtaining exposure assessment for each specific trigger task or if no historic data is available, the following apply:

- assume exposure over PEL
- wear respirators and protective clothing
- be properly trained (al least Action Level training (per OSHA standard)
- have initial blood tests on affected workers, supervisors

Refer to **Appendix I** (Cal/OSHA regulations) for specific information regarding trigger task activities and specific requirements.

ANALYSIS OF FINDINGS - LEAD

In summary, the some of the testing combinations considered as part of our limited investigation were found to contain lead in some amount. Under current Cal/OSHA regulations, paint containing in excess of 0.06% lead (600 parts per million) are considered lead-containing paint for non-trigger tasks under Cal/OSHA. For trigger tasks, any detectable amount of lead invokes Cal/OSHA regulations and assumes that airborne levels may exceed the "Action Level" (AL) of 30 ug/m³, and the "Permissible Exposure Limit" (PEL) of 50 ug/m³. Refer to "Title 8 CCR 1532.1" (**Appendix H**) for additional information concerning "Trigger" and "Non-Trigger" tasks.

Current OSHA regulations require that workers involved in work disturbing lead containing surfaces be protected from exposure to lead above stipulated levels. Refer to the enclosed OSHA Construction Standard (CCR Title 8 1532.1 California Lead-In-Construction Standard) for work guidelines and requirements.

Of those testing combinations considered as part of our investigation, a total of ten (10) were found to include lead in excess of the 1.0 mg/cm², (0.5%), (5,000 ppm). All painted finishes represented by these testing combination would be classified as "Lead-Based Paint" (LBP) under state and federal regulations. Refer to **Appendices C & D** for additional information about specific Testing Combinations.

PAINT CONDITION

As part of the Lead-Based Paint Inspection, painted surfaces were visually examined for general condition. While this report does not constitute a lead "Risk Assessment", painted surfaces were generally categorized as being in intact, fair, poor, or peeling condition during our investigation. All building materials represented by testing combinations found to include paint designated as "Lead-Based Paint" were determined to be in "Intact" condition. Refer to the **Appendix C & D** for additional information concerning locations of testing combinations at the subject site.

Should a full evaluation of potential lead hazards be desired involving testing for lead contaminated dust and soil, we recommend that a "Risk Assessment" be conducted by a certified Lead-based paint Risk Assessor as part of a complete lead hazard evaluation.

ADDITIONAL CONSIDERATIONS

Hazards associated with lead exposure are typically due to ingestion and inhalation of lead in the form of dust. Lead can be determined within the bloodstream, bones, and other organs by various detection methods.

Potential exposure to lead is associated with damaged painted surfaces. Painted surfaces should be inspected regularly and maintained in intact, undamaged condition to minimize the potential for the creation of lead dust hazards. Any evidence of peeling, loose or detached paint should be rectified by stabilizing the painted surface or replacing the painted element.

RECOMMENDATIONS

All future construction related work which includes the disturbance of lead-containing or "Lead-Based Paint" must be conducted in compliance with applicable state and federal requirements. Prior to engaging in work which will disturb lead-containing finishes referenced herein, or other untested paints or surface coatings, the contractor engaged in the work must conduct an "Initial Exposure Assessment" for each planned "trigger task" in accordance with Cal/OSHA to determine potential lead exposures to workers. Prior to commencing such operations, the Contractor must assume workers will be exposed to airborne levels above the PEL and must provide workers with Hazard Communication Training, and personal protective equipment, including HEPA-equipped respirators. A hand-washing facility must be present at the worksite.

Planned demolition/renovation operations involving in-place lead-containing or "Lead-Based Paint" must be conducted in accordance with the California Department of Public Health (CDPH) and Cal/OSHA regulations. A barrier system must be in place and water applied for dust suppression during the work operations. Refer to the applicable regulations for additional requirements.

To reduce potential liability, the Owner may elect to have a certified lead professional conduct perimeter air monitoring on their behalf to provide documentation of airborne lead levels at locations around the site. The lead professional may also provide baseline and/or lead clearance monitoring.

Prior to Disposal of lead-containing paint or elements which include lead-containing paint, the State of California requires that representative sample(s) of the waste stream waste (along with the substrate where bonded) be submitted to an accredited laboratory and that a Total Threshold Limit Concentration (TTLC) test be performed to determine the total lead content. Dependent upon the result, a SW846 (STLC) may be required to determine the amount of leachable lead. These tests will determine transportation and disposal requirements and may greatly impact the ultimate cost of the work. Due to potential delays associated with conducting the analysis of the waste, it is recommended that the waste characterization be initiated prior to soliciting bids for the work.

LIMITATIONS

The enclosed asbestos and lead survey and review of the specified portions of the referenced structure was limited in scope. This investigation is undertaken with the calculated risk that the presence, full nature, and extent of asbestos and lead-containing materials would not be revealed by visual observation and random sampling alone. T. Brooks & Associates, Inc. makes no representations as to the asbestos or lead content of materials which were not specifically tested or which were not readily accessible to the inspector.

At the request of the Client, the scope of sampling and testing was limited to those areas and painted finishes which may be impacted based on the proposed renovation operations as designated by the Clients representative. The enclosed findings and recommendations are not intended to represent materials at locations other than those specifically referenced.

Certain opinions and recommendations expressed in this report are based on our knowledge and experience with applicable state, federal and local law, and do not reflect other possible adverse conditions not immediately visible or which may be discovered by a more extensive examination including a review of relevant documents which were not available during this investigation.

At the request of the Client, our inspection did not include sampling of materials which may contain materials known to be hazardous including polychlorinated biphenyls (PCB's), mercury, radon or other materials. Consideration should be given to testing for these and other hazardous materials which may be present.

Findings presented in this report were based on field observations, random sampling and analysis, review of available data and discussion with local regulatory and advisory agencies. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods involved.

The information presented herewith was based on professional interpretation using presently accepted methods with a degree of conservation deemed proper as of the report date. It is not warranted that such data and/or methods cannot be superseded by future technical developments.

Respectfully Submitted,
T. Brooks & Associates, Inc.,

Troy F. Brooks, CAC, RRC, CIEC
Certified Asbestos Consultant, No. 92-0186
R.C.I. Registered Roof Consultant
DPH Lead Accredited, State of California
Certified Indoor Environmental Consultant

TABLE 1

SAMPLED MATERIALS ANALYTICAL RESULTS

Veterans Administration - Building 24
Seismic Upgrade
2615 E. Clinton Avenue
Fresno, California

Client ID	Layer	Material Description	Sample Location	Analytical Results
1-01	1-3	Drywall, Joint Compound & Paint	1st Flr: Room 1A-04 Wall	None Detected
1-02	1-3	Drywall, Joint Compound & Paint	1st Flr: Room 1A-28 Wall	None Detected
1-03	1-4	Drywall, Joint Compound, Taping Mud & Paint	1st Flr: Room 1A-05 Wall	None Detected
1-04	1-3	Drywall, Joint Compound & Paint	1st Flr: Room 1A-07 Wall	None Detected
1-05	1-4	Drywall, Joint Compound, Paint & Wall Paper	1st Flr: Room 1A-17 Ceiling	None Detected
1-06	1-4	Drywall, Joint Compound, Taping Mud & Paint	1st Flr: Room 1B-1 Wall	None Detected
1-07	1-4	Drywall, Joint Compound, Drywall Tape & Texture	2nd Flr: Room 2A-02 Ceiling	None Detected
1-08	1-4	Drywall, Joint Compound, Paint & Wall Paper	2nd Flr: Room 2A-17 Wall	None Detected
1-09	1-4	Drywall, Joint Compound, Paint & Wall Paper	2nd Flr: Room 2A-25 Wall	None Detected
1-10	1-3	Drywall, Joint Compound & Paint	2nd Flr: Room 2A-32 Wall	None Detected
1-11	1-3	Drywall, Joint Compound & Paint	3rd Flr: Room C3-06 Wall	None Detected
1-12	1-4	Drywall, Joint Compound, Drywall Tape & Texture	3rd Flr: Room C3-07 Wall	None Detected
1-13	1-3	Drywall, Joint Compound & Paint	3rd Flr: Room C3-08 Wall	None Detected
2-01	1-2	4" Cove Base (grey) & Adhesive	3rd Flr: Room C3-08 Wall	None Detected
2-02	1	Cove Base Adhesive	3rd Flr: Room C3-08 Wall	None Detected
3-01	1	2'x4' Ceiling Tile	1st Flr: Room 1A-28 Ceiling	None Detected
3-02	1	2'x4' Ceiling Tile	1st Flr: Room 1A-10 Ceiling	None Detected
3-03	1	2'x4' Ceiling Tile	2nd Flr: Room 2A-13 Ceiling	None Detected
3-04	1	2'x4' Ceiling Tile	2nd Flr: Room C2-1 Ceiling	None Detected
3-05	1	2'x4' Ceiling Tile	3rd Flr: Room C3-1 Ceiling	None Detected
4-01	1	Window Gasket	1st Floor Wall	None Detected
4-02	1	Window Gasket	2nd Floor Wall	None Detected

Table 1 - Continued

Client ID	Layer	Material Description	Sample Location	Analytical Results
4-03	1	Window Gasket	3rd Floor Wall	None Detected
5-01	1	Carpet Mastic	1st Flr: Room 1A-10 Floor	None Detected
5-02	1	Carpet Mastic	2nd Flr: Room 2A-13 Floor	None Detected
5-03	1	Carpet Mastic	3rd Flr: Room C3-7 Floor	None Detected
5-04	1	Carpet Mastic	1st Flr: Room 1B-1 Floor	None Detected
6-01	1-3	4" Cove Base (brown), Adhesive & Drywall	1st Flr: Room 1A-26 Wall	None Detected
6-02	1-3	4" Cove Base Adhesive & Paint	2nd Flr: Room C2-4 Wall	None Detected
6-03	1	Cove Base Adhesive	3rd Flr: Room C3-7 Wall	None Detected
7-01	**1**	**12"x12" Vinyl Floor Tile**	**2nd Flr: Room C2-4 Floor**	**2% Chrysotile**
	2	**Mastic on VFT**	**2nd Flr: Room C2-4 Floor**	**5% Chrysotile**
7-02	**1**	**12"x12" Vinyl Floor Tile**	**2nd Flr: Room C2-1 Floor**	**2% Chrysotile**
	2	**Mastic on VFT**	**2nd Flr: Room C2-1 Floor**	**10% Chrysotile**
7-03	**1**	**12"x12" Vinyl Floor Tile**	**3rd Flr: Room C38 Floor**	**2% Chrysotile**
	2	**Mastic on VFT**	**3rd Flr: Room C38 Floor**	**5% Chrysotile**
8-01	**1**	**12"x12" Vinyl Floor Tile (off-white)**	**1st Flr: Room 1A-26 Floor**	**2% Chrysotile**
	2-3	Mastic on VFT	1st Flr: Room 1A-26 Floor	None Detected
9-01	1	Stucco	Exterior - Wall	None Detected
9-02	1-2	Stucco	Exterior - Wall	None Detected
9-03	1-2	Stucco	Exterior - Wall	None Detected
10-01	1	Fireproofing	1st Floor Ceiling	None Detected
10-02	1	Fireproofing	2nd Floor Ceiling	None Detected
10-03	1	Fireproofing	3rd Floor Ceiling	None Detected
11-01	1-4	Built-up Roof	3rd Floor Roof	None Detected
11-02	1-4	Built-up Roof	North Roof	None Detected
12-01	1-4	Roof Flashing	3rd Floor	None Detected
13-01	**1**	**Roof Mastic**	**3rd Floor Roof**	**2% Chrysotile**
Additional Layers for Previous Samples				
11-01	1-4	Built-up Roof layers	3rd Floor Roof	None Detected
11-02	1	Form	North Roof	None Detected

TABLE 2

ASBESTOS CONTAINING MATERIALS ASSESSMENT

Veterans Administration - Building 24
Seismic Upgrade
2615 E. Clinton Avenue
Fresno, California

Material Description	Material Location	% Asb.	* F/ NF	Quantity	Cost Estimate
12"x12" Vinyl Floor Tile & Mastic	1st Floor: Rooms 1A-26 & 1A-23 2nd Floor: Rooms C2-1 & C2-4 3rd Floor: Rms 3A-05, 3A-06, 3A-10, 3A-27, 3A-29, C3-02, C3-03 & C3-09	2-10%	NF**	6,488 sq. ft.	**$22,708.00**
Plastic Roof Cement	3rd Floor Roof	2%	NF	20 sq. ft.	**$1,000.00**
				TOTAL COST ESTIMATE:	**$23,708.00**

* NF = Non-friable
F = Friable

** Removal of Vinyl Tile & Mastic by Mechanical Means would change the Classification to Friable (RACM)

EMC LABS, INC.

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Laboratory Report
0097363

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-001	1ST FL 1A-04-	LAYER 1	No		Cellulose Fiber	10%
1-01	WALL	Drywall, White/ Brown			Fibrous Glass	2%
					Gypsum	
					Carbonates	
					Mica	
					Binder/Filler	88%
		LAYER 2	No		Cellulose Fiber	<1%
		Joint Compound, White/ Off White			Gypsum	
					Mica	
					Binder/Filler	99%
		LAYER 3	No			
		Paint, White			Gypsum	
					Carbonates	
					Quartz	
					Binder/Filler	100%
0097363-002	1ST FL 1A-28-	LAYER 1	No		Cellulose Fiber	10%
1-02	WALL	Drywall, White/ Brown			Fibrous Glass	2%
					Gypsum	
					Carbonates	
					Mica	
					Binder/Filler	88%
		LAYER 2	No		Cellulose Fiber	<1%
		Joint Compound, White/ Off White			Gypsum	
					Mica	
					Binder/Filler	99%
		LAYER 3	No			
		Paint, White			Gypsum	
					Quartz	
					Binder/Filler	100%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-003 / 1-03	1ST FL 1A-05-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	2% 98%
		LAYER 3 Taping Mud, White/ Off White	No		Cellulose Fiber Carbonates Mica Quartz Binder/Filler	1% 99%
		LAYER 4 Paint, White	No		Cellulose Fiber Gypsum Quartz Binder/Filler	<1% 99%
0097363-004 / 1-04	1ST FL 1A-07-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	1% 99%
		LAYER 3 Paint, White	No		Cellulose Fiber Gypsum Carbonates Quartz Binder/Filler	2% 98%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-005 / 1-05	1ST FL 1A-17-CEILING	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	<1% 99%
		LAYER 3 Paint, Gray/Red	No		Gypsum Carbonates Quartz Binder/Filler	 100%
		LAYER 4 Wall Paper, Off White	No		Synthetic Fiber Cellulose Fiber Gypsum Carbonates Quartz Binder/Filler	20% 5% 75%
0097363-006 / 1-06	1ST FL 1B-1-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Carbonates Mica Binder/Filler	<1% 99%
		LAYER 3 Taping Mud, White/ Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	<1% 99%
		LAYER 4 Paint, White	No		Gypsum Quartz Binder/Filler	 100%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-007 1-07	2ND FL 2A-02-CEILING	LAYER 1 Drywall, White / Tan	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	2% 98%
		LAYER 3 Tape, Cream	No		Cellulose Fiber Binder/Filler	98% 2%
		LAYER 4 Drywall Texture/Paint, Off White/ Beige	No		Gypsum Mica Binder/Filler	 100%
0097363-008 1-08	2ND FL 2A-17-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	3% 97%
		LAYER 3 Paint, Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	<1% 99%
		LAYER 4 Wall Paper, Off White	No		Synthetic Fiber Cellulose Fiber Gypsum Carbonates Quartz Binder/Filler	20% 5% 75%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-009 1-09	2ND FL 2A-25-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	<1% 99%
		LAYER 3 Paint, Off White	No		Cellulose Fiber Gypsum Carbonates Binder/Filler	<1% 99%
		LAYER 4 Wall Paper, Off White	No		Cellulose Fiber Synthetic Fiber Gypsum Carbonates Quartz Binder/Filler	20% 5% 75%
0097363-010 1-10	2ND FL 2A-32-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Carbonates Gypsum Mica Binder/Filler	<1% 99%
		LAYER 3 Paint, White	No		Gypsum Carbonates Quartz Binder/Filler	 100%

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Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-011 / 1-11	3RD FL C3-06-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Gypsum Mica Binder/Filler	 100%
		LAYER 3 Paint, White	No		Gypsum Quartz Binder/Filler	 100%
0097363-012 / 1-12	3RD FL C3-07-WALL	LAYER 1 Drywall, White / Tan	No		Cellulose Fiber Fibrous Glass Gypsum Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, Off White	No		Cellulose Fiber Gypsum Mica Binder/Filler	2% 98%
		LAYER 3 Tape, Cream	No		Cellulose Fiber Binder/Filler	98% 2%
		LAYER 4 Drywall Texture/Paint, Off White/ Beige	No		Gypsum Mica Binder/Filler	 100%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
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Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-013 1-13	3RD FL C3-08-WALL	LAYER 1 Drywall, White/ Brown	No		Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Binder/Filler	10% 2% 88%
		LAYER 2 Joint Compound, White/ Off White	No		Cellulose Fiber Carbonates Mica Binder/Filler	<1% 99%
		LAYER 3 Paint, White	No		Gypsum Carbonates Quartz Binder/Filler	 100%
0097363-014 2-01	3RD FL C3-08-WALL	LAYER 1 Basecove, Tan	No		Gypsum Carbonates Quartz Binder/Filler	 100%
		LAYER 2 Basecove Mastic, Brown/ Tan	No		Cellulose Fiber Gypsum Carbonates Quartz Binder/Filler	2% 98%
0097363-015 2-02	3RD FL C3-08-WALL	Covebase Adhesive, Off White	No		Cellulose Fiber Carbonates Quartz Binder/Filler	<1% 99%
0097363-016 3-01	1ST FL 1A-28-CEILING	2x4 Ceiling Tile, White/ Gray	No		Cellulose Fiber Perlite Binder/Filler	70% 30%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
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Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-017 3-02	1ST FL 1A-10-CEILING	2x4 Ceiling Tile, White/ Gray	No		Cellulose Fiber Mineral Wool Carbonates Perlite Binder/Filler	50% 30% 20%
0097363-018 3-03	2ND FL 2A-13-CEILING	2x4 Ceiling Tile, White/ Gray	No		Cellulose Fiber Carbonates Perlite Binder/Filler	70% 30%
0097363-019 3-04	2ND FL C2-01-CEILING	2x4 Ceiling Tile, White/ Gray	No		Cellulose Fiber Mineral Wool Carbonates Perlite Binder/Filler	40% 40% 20%
0097363-020 3-05	3RD FL C3-1-CEILING1ST FL-WALL	2x4 Ceiling Tile, White/ Gray	No		Cellulose Fiber Mineral Wool Carbonates Perlite Binder/Filler	40% 40% 20%
0097363-021 4-01	1ST FL-WALL	Window Gasket, Black	No		Fibrous Glass Gypsum Binder/Filler	10% 90%
0097363-022 4-02	2ND FL-WALL	Window Gasket, Black	No		Fibrous Glass Gypsum Binder/Filler	10% 90%
0097363-023 4-03	3RD FL-WALL	Window Gasket, Black	No		Gypsum Binder/Filler	 100%

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Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-024 5-01	1ST FL IA-10	Carpet Mastic, Tan	No		Synthetic Fiber Cellulose Fiber Gypsum Carbonates Quartz Binder/Filler	3% 2% 95%
0097363-025 5-02	2ND FL 2A-13	Carpet Mastic, Tan	No		Synthetic Fiber Cellulose Fiber Gypsum Carbonates Quartz Binder/Filler	2% <1% 97%
0097363-026 5-03	3RD FL C3-7	Carpet Mastic, Tan	No		Cellulose Fiber Synthetic Fiber Gypsum Carbonates Quartz Binder/Filler	3% 1% 96%
0097363-027 5-04	1ST FL 1B-1 FL	Carpet Mastic w/Subfloor, Tan/Beige Note: Difficult to separate adjacent layers	No		Cellulose Fiber Synthetic Fiber Gypsum Carbonates Quartz Binder/Filler	2% <1% 97%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0097363

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-028 6-01	1ST FL 1A-26-WALL	LAYER 1 Cove Base, Brown	No			
					Gypsum	
					Quartz	
					Binder/Filler	100%
		LAYER 2 Cove Base Mastic, Brown/ Tan	No		Wollastonite	5%
					Gypsum	
					Quartz	
					Binder/Filler	95%
		LAYER 3 Drywall, White / Tan	No		Cellulose Fiber	10%
					Fibrous Glass	2%
					Gypsum	
					Carbonates	
					Mica	
					Binder/Filler	88%
0097363-029 6-02	C2-4 WALL	LAYER 1 Cove Base Mastic, Cream	No		Cellulose Fiber	<1%
					Carbonates	
					Quartz	
					Binder/Filler	99%
		LAYER 2 Cove Base Mastic, Brown/ Tan	No		Cellulose Fiber	<1%
					Gypsum	
					Quartz	
					Binder/Filler	99%
		LAYER 3 Paint w/Drywall, White / Tan	No		Cellulose Fiber	10%
					Gypsum	
					Carbonates	
					Mica	
					Binder/Filler	90%
0097363-030 6-03	C3-7	Cove Base Mastic, Brown	No		Wollastonite	3%
					Gypsum	
					Quartz	
					Binder/Filler	97%

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Laboratory Report
0097363

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)		Non-Asbestos Constituents	
0097363-031 7-01	2ND FL C2-4-FLOOR	LAYER 1 12"x12" Floor Tile, Gray	Yes	Chrysotile	2%		
						Carbonates Gypsum Quartz Binder/Filler	98%
		LAYER 2 Mastic w/Subflooring, Black/ Off White Note: Difficult to separate adjacent layers	Yes	Chrysotile	5%	Cellulose Fiber	2%
						Gypsum Carbonates Quartz Binder/Filler	93%
0097363-032 7-02	2ND FL C2-1-FLOOR	LAYER 1 12"x12" Floor Tile, Gray	Yes	Chrysotile	2%		
						Carbonates Gypsum Quartz Binder/Filler	98%
		LAYER 2 Mastic w/Subflooring, Black/ Off White	Yes	Chrysotile	10%		
						Gypsum Carbonates Binder/Filler	90%
0097363-033 7-03	3RD FL-C38-FLOOR	LAYER 1 12"x12" Floor Tile, Gray	Yes	Chrysotile	2%		
						Carbonates Gypsum Quartz Binder/Filler	98%
		LAYER 2 Mastic w/Subflooring, Black/ Off White	Yes	Chrysotile	5%	Cellulose Fiber	2%
						Gypsum Carbonates Quartz Binder/Filler	93%

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Laboratory Report
0097363

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)		Non-Asbestos Constituents	
0097363-034	1ST FL 1A-26-	LAYER 1	Yes	Chrysotile	2%		
8-01	FLOOR	12"x12" Floor Tile, Gray					
						Carbonates	
						Gypsum	
						Quartz	
						Binder/Filler	98%
		LAYER 2	No			Cellulose Fiber	2%
		Mastic, Clear Yellow				Gypsum	
						Carbonates	
						Quartz	
						Binder/Filler	98%
		LAYER 3	No			Cellulose Fiber	5%
		Mastic, Black				Gypsum	
						Quartz	
						Binder/Filler	95%
0097363-035	WALL	Stucco, Beige	No				
9-01						Carbonates	
						Gypsum	
						Mica	
						Binder/Filler	100%
0097363-036	WALL	LAYER 1	No				
9-02		Stucco-Scratch Coat, Gray				Gypsum	
						Carbonates	
						Mica	
						Quartz	
						Binder/Filler	100%
		LAYER 2	No			Synthetic Fiber	<1%
		Stucco-Finish Coat, Beige				Gypsum	
						Carbonates	
						Mica	
						Quartz	
						Binder/Filler	99%

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Laboratory Report
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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-037 9-03	WALL	LAYER 1 Stucco-Scratch Coat, Gray	No		Gypsum Carbonates Mica Quartz Binder/Filler	100%
		LAYER 2 Stucco-Finish Coat, Beige	No		Gypsum Mica Quartz Binder/Filler	100%
0097363-038 10-01	1ST FL-CEILING	Fireproofing, Tan	No		Cellulose Fiber Gypsum Mica Binder/Filler	10% 90%
0097363-039 10-02	2ND FL-CEILING	Fireproofing, Tan	No		Cellulose Fiber Mineral Wool Perlite Binder/Filler	40% 40% 20%
0097363-040 10-03	3RD FL-CEILING	Fireproofing, Tan	No		Cellulose Fiber Gypsum Mica Binder/Filler	15% 85%

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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0097363-041 11-01	3RD FL	LAYER 1 Roofing, Black/ White	No		Fibrous Glass Gypsum Carbonates Quartz Binder/Filler	15% 85%
		LAYER 2 Roof Tar, Black	No		Gypsum Binder/Filler	 100%
		LAYER 3 Roof Felt, Black	No		Fibrous Glass Gypsum Binder/Filler	30% 70%
		LAYER 4 Roof Felt, Black	No		Fibrous Glass Gypsum Binder/Filler	30% 70%
		PLEASE SEE EMC LABS SAMPLE NUMBER 0097363-045 FOR ADDITIONAL LAYER(S)				
0097363-042 11-02	NORTH ROOF	LAYER 1 Roofing, Black/ White	No		Synthetic Fiber Gypsum Carbonates Quartz Binder/Filler	20% 80%
		LAYER 2 Roof Tar/Felt, Black Note: Difficult to separate adjacent layers	No		Fibrous Glass Gypsum Binder/Filler	30% 70%
		LAYER 3 Roof Insulation, Tan/Brown	No		Cellulose Fiber Perlite Binder/Filler	70% 30%
		LAYER 4 Tar Paper, Black	No		Fibrous Glass Gypsum Binder/Filler	30% 70%
		PLEASE SEE EMC LABS SAMPLE NUMBER 0097363-046 FOR ADDITIONAL LAYER				

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Laboratory Report
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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID / Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)		Non-Asbestos Constituents	
0097363-043	3RD FLOOR	LAYER 1	No			Fibrous Glass	15%
12-01		Roof Flashing, Black/ White				Gypsum	
						Carbonates	
						Quartz	
						Binder/Filler	85%
		LAYER 2	No			Fibrous Glass	30%
		Roof Flashing, Black				Gypsum	
						Quartz	
						Binder/Filler	70%
		LAYER 3	No			Fibrous Glass	30%
		Roof Flashing, Black				Gypsum	
						Quartz	
						Binder/Filler	70%
		LAYER 4	No			Cellulose Fiber	80%
		Roof Flashing/Insulation, Tan				Perlite	
						Binder/Filler	20%
0097363-044	3RD FLOOR	Roof Mastic, Black	Yes	Chrysotile	2%	Cellulose Fiber	10%
13-01						Carbonates	
						Binder/Filler	88%
0097363-045	3RD FL-	LAYER 1	No			Cellulose Fiber	<1%
11-01	ADDITIONAL LAYER(S)	Roof Tar, Black					
						Gypsum	
						Quartz	
						Binder/Filler	99%
		LAYER 2	No			Cellulose Fiber	70%
		Roof Insulation, Tan/ Brown				Perlite	
						Gypsum	
						Binder/Filler	30%
		LAYER 3	No			Cellulose Fiber	60%
		Tar Paper, Black				Gypsum	
						Binder/Filler	40%
		LAYER 4	No			Cellulose Fiber	<1%
		Foam, Yellow				Foam	99%

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NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	11-5789
Address:	613 HARVARD AVE, STE 101	Date Received:	03/11/2011
	CLOVIS CA 93612	Date Analyzed:	03/16/2011
Collected:	03/09/2011	Date Reported:	03/18/2011
Project Name/	VA BLDG-24 SEISMIC UPGRADE	EPA Method:	EPA 600/M4-82-020
Address:	2615 E. CLINTON	Submitted By:	TIM THOMAS
		Collected By:	Customer

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0097363-046 11-02	NORTH ROOF-ADDITIONAL LAYER	Foam, Yellow	No		
				Foam	100%

Analyst - Paul Hofer

Signatory - Lab Director - Kurt Kettler

PAGE 1 of 5

DATE 3/9/11

CHAIN OF CUSTODY RECORD

TESTING LAB EMC

REQUIRED TURN-AROUND TIME: ☐ 6 HOURS ☐ 24 HOURS ☒ 3 day

☒ EMAIL RESULTS TO: brooksconsult@sbcglobal.net

☐ FAX RESULTS TO: (559) 298-2281

☐ SEND RESULTS TO: 97363

BILLED TO

T. BROOKS AND ASSOCIATES, INC.
ROOF AND ENVIRONMENTAL CONSULTANTS
613 HARVARD AVE, SUITE 201 CLOVIS, CA 93612
(559) 298-9135 FAX: (559) 298-2281

PROJECT INFORMATION

PROJECT NAME: VA Bldg 24 Seismic upgrade
PROJECT ADDRESS: 2615 E. Clinton
PROJECT NO.: 11-5789
PROJECT CONTACT: ☐ Troy Brooks ☒ Tim Thomas ☒ Chad Calhoun
CELL NO.: (559) 287-8357 284-5573 999-3417
FAX NO.: (559) 298-2281 OFFICE NO.: (559) 298-9135

	SAMPLE NO.	SAMPLE DESCRIPTION	COLLECTED FROM	MATRIX	TIME ON / TIME OFF	TOTAL TIME	FLOW RATES START	FLOW RATES STOP	FLOW RATES VOLUME	PCM (Air)	PLM (Bulk)	TEM (Air, Bulk)	Lead (Wipes)	Lead (Air)	Lead (Soil)	Lead (Paint)
1	1-01	MAT. LOC. 9th Floor 1A-04	WALL CEILING FLOOR	Bulk							X					
		MAT. DESC. Dry wall/ISC														
2	-02	MAT. LOC. " 1A-28	WALL CEILING FLOOR													
		MAT. DESC. " "														
3	-03	MAT. LOC. " 1A-05	WALL CEILING FLOOR													
		MAT. DESC. " "														
4	-04	MAT. LOC. " 1A-07	WALL CEILING FLOOR													
		MAT. DESC. " "														
5	-05	MAT. LOC. 7th Floor 1A-17	WALL CEILING FLOOR													
		MAT. DESC. " " w/Wall Paper														
6	-06	MAT. LOC. " 1B-1	WALL CEILING FLOOR													
		MAT. DESC. " "														
7	-07	MAT. LOC. 2nd Floor 2A-02	WALL CEILING FLOOR													
		MAT. DESC. " "														
8	-08	MAT. LOC. " 2A-07	WALL CEILING FLOOR													
		MAT. DESC. " " w/Wall Paper														
9	-09	MAT. LOC. " 2A-25	WALL CEILING FLOOR													
		MAT. DESC. " " " "														
10	-10	MAT. LOC. " 2A-32	WALL CEILING FLOOR								X					
		MAT. DESC. " "														

TRANSACTIONS	TIME	TRANSACTIONS	TIME	SHIPPING TO BE PAID BY
RELINQUISHED BY (SIGNATURE) Timothy Thomas DATE 3/9/11		ACCEPTED BY (SIGNATURE) Diana Federico DATE 3/11/11		LAB X
RELINQUISHED BY (SIGNATURE) Diana Federico DATE 3/11/11		ACCEPTED BY (SIGNATURE) DATE 3-11-11		CLIENT ____
				BROOKS ____

PCM NIOSH 7400 PLM 40 CFR - CHAP. 1, PART 763, SUBPART F APPENDIX A OR CURRENT EPA METHOD 600R-93/116 TEM AHERA OR YAMATE LEVEL II LEAD USEPA 7420 AIR NIOSH 7082 SOIL EPA 7000/7420 WIPES NIOSH 9100 WATER AIHA (METHOD 3113B) EPA 200.9)

PAGE 2 of 5

DATE 3/9/11

CHAIN OF CUSTODY RECORD

TESTING LAB EMC

REQUIRED TURN-AROUND TIME
☐ 6 HOURS ☒ 24 HOURS ☒ 3 day
☒ EMAIL RESULTS TO: brooksconsult@sbcglobal.net
☐ FAX RESULTS TO: (559) 298-2281
☐ SEND RESULTS TO: 97303

BILLED TO

T. BROOKS AND ASSOCIATES, INC.
ROOF AND ENVIRONMENTAL CONSULTANTS
613 HARVARD AVE, SUITE 201 CLOVIS, CA 93612
(559) 298-9135 FAX: (559) 298-2281

PROJECT INFORMATION

PROJECT NAME: VA Bldg 24 Seismic upgrade
PROJECT ADDRESS: 2615 E. Clinton
PROJECT NO.: 11-5789
PROJECT CONTACT: ☐ Troy Brooks ☒ Tim Thomas ☒ Chad Calhoun
CELL NO.: (559) 287-8357 284-5573 999-3417
FAX NO.: (559) 298-2281 OFFICE NO.: (559) 298-9135

	SAMPLE NO.	SAMPLE DESCRIPTION	COLLECTED FROM	MATRIX	TIME ON / TIME OFF	TOTAL TIME	FLOW RATES START	FLOW RATES STOP	FLOW RATES VOLUME	PCM (Air)	PLM (Bulk)	TEM (Air, Bulk)	Lead (Wipes)	Lead (Air)	Lead (Soil)	Lead (Paint)
11	1-11	MAT. LOC. 3rd Floor C3-06 MAT. DESC. Drywall/JC	WALL CEILING FLOOR	Bulk							X					
12	-12	MAT. LOC. " C3-07 MAT. DESC. " "	WALL CEILING FLOOR													
13	-13	MAT. LOC. 3rd Floor C3-04 MAT. DESC. " "	WALL CEILING FLOOR													
14	2-01	MAT. LOC. MAT. DESC. 4" Grey CB2 Ash.	WALL CEILING FLOOR													
15	.02	MAT. LOC. MAT. DESC. 4" Grey CB Ash.	WALL CEILING FLOOR													
16	3-01	MAT. LOC. ~~1A~~ 1st Fl 1A-28 MAT. DESC. 2x4 CT.	WALL CEILING FLOOR													
17	-02	MAT. LOC. " 1A-10 MAT. DESC. " "	WALL CEILING FLOOR													
18	-03	MAT. LOC. 2nd Floor 2A-13 MAT. DESC. " "	WALL CEILING FLOOR													
19	-04	MAT. LOC. 2nd Floor C2-1 MAT. DESC. " "	WALL CEILING FLOOR													
20	.05	MAT. LOC. 3rd Floor C3-1 MAT. DESC. " "	WALL CEILING FLOOR	↓							↓					

TRANSACTIONS	TIME	TRANSACTIONS	TIME	SHIPPING TO BE PAID BY
RELINQUISHED BY (SIGNATURE) Timothy Thomas DATE 3-9-11		ACCEPTED BY (SIGNATURE) Diana Federico DATE 3/11/11		LAB X
RELINQUISHED BY (SIGNATURE) Diana Federico DATE 3/11/11		ACCEPTED BY (SIGNATURE) DATE 3-11-11		CLIENT ____
				BROOKS ____

PCM NIOSH 7400 PLM 40 CFR - CHAP. 1, PART 763, SUBPART F APPENDIX A OR CURRENT EPA METHOD 600R-93/116 TEM AHERA OR YAMATE LEVEL II LEAD USEPA 7420 AIR NIOSH 7082 SOIL EPA 7000/7420 WIPES NIOSH 9100 WATER AIHA (METHOD 3113B) EPA 200.9)

PAGE 3 of 5

DATE 3/9/11

CHAIN OF CUSTODY RECORD

TESTING LAB EMC

REQUIRED TURN-AROUND TIME: ☐ 6 HOURS ☐ 24 HOURS ☒ 3 day

☒ EMAIL RESULTS TO: brooksconsult@sbcglobal.net

☐ FAX RESULTS TO: (559) 298-2281

☐ SEND RESULTS TO: 93763

BILLED TO

T. BROOKS AND ASSOCIATES, INC.
ROOF AND ENVIRONMENTAL CONSULTANTS
613 HARVARD AVE, SUITE 201 CLOVIS, CA 93612
(559) 298-9135 FAX: (559) 298-2281

PROJECT INFORMATION

PROJECT NAME: VA Bldg 24 Seismic Upgrade
PROJECT ADDRESS: 2615 E. Clinton
PROJECT NO.: 11-5789
PROJECT CONTACT: ☐ Troy Brooks ☒ Tim Thomas ☒ Chad Calhoun
CELL NO.: (559) 287-8357 284-5573 999-3417
FAX NO.: (559) 298-2281 OFFICE NO.: (559) 298-9135

	SAMPLE NO.	SAMPLE DESCRIPTION / COLLECTED FROM	MATRIX	TIME ON / TIME OFF	TOTAL TIME	FLOW RATES START	FLOW RATES STOP	FLOW RATES VOLUME	PCM (Air)	PLM (Bulk)	TEM (Air, Bulk)	Lead (Wipes)	Lead (Air)	Lead (Soil)	Lead (Paint)
21	4-01	MAT. LOC. 1st Floor WALL CEILING FLOOR MAT. DESC. Window gasket	Bulk							4					
22	-02	MAT. LOC. 2nd Floor WALL CEILING FLOOR MAT. DESC. " "													
23	-03	MAT. LOC. 3rd Floo WALL CEILING FLOOR MAT. DESC. " "													
24	5-01	MAT. LOC. 1st Floor 1A-10 WALL CEILING FLOOR MAT. DESC. Carpet mastic													
25	-02	MAT. LOC. 2nd Floor 2A-13 WALL CEILING FLOOR MAT. DESC. " "													
26	-03	MAT. LOC. 3rd Floor C3-7 WALL CEILING FLOOR MAT. DESC. " "													
27	-04	MAT. LOC. 1st Floor 1B-1 WALL CEILING FLOOR MAT. DESC. " "													
28	6-01	MAT. LOC. 1st Floor 1A-26 WALL CEILING FLOOR MAT. DESC. 4" Brown CB Adh.													
29	-02	MAT. LOC. C2-4 WALL CEILING FLOOR MAT. DESC. 4" Brown CB Adh.													
30	-03	MAT. LOC. C3-7 WALL CEILING FLOOR MAT. DESC. " "								4					

TRANSACTIONS	TIME	TRANSACTIONS	TIME	SHIPPING TO BE PAID BY
RELINQUISHED BY (SIGNATURE) Timothy Thomas DATE 3-9-11		ACCEPTED BY (SIGNATURE) Diana Federico DATE 3/11/11		LAB X
RELINQUISHED BY (SIGNATURE) Diana Federico DATE 3/11/11		ACCEPTED BY (SIGNATURE) DATE 3-11-11		CLIENT ____
				BROOKS ____

PCM NIOSH 7400 PLM 40 CFR - CHAP. 1, PART 763, SUBPART F APPENDIX A OR CURRENT EPA METHOD 600R-93/116 TEM AHERA OR YAMATE LEVEL II LEAD USEPA 7420 AIR NIOSH 7082 SOIL EPA 7000/7420 WIPES NIOSH 9100 WATER AIHA (METHOD 3113B) EPA 200.9)

PAGE 4 of 5

DATE 3/9/11

CHAIN OF CUSTODY RECORD

TESTING LAB EMC

REQUIRED TURN-AROUND TIME
☐ 6 HOURS ☒ 24 HOURS ☒ 3 day
☒ EMAIL RESULTS TO: brooksconsult@sbcglobal.net
☐ FAX RESULTS TO: (559) 298-2281
☐ SEND RESULTS TO: 91363

BILLED TO

T. BROOKS AND ASSOCIATES, INC.
ROOF AND ENVIRONMENTAL CONSULTANTS
613 HARVARD AVE, SUITE 201 CLOVIS, CA 93612
(559) 298-9135 FAX: (559) 298-2281

PROJECT INFORMATION

PROJECT NAME: VA Bldg 24 Seismic upgrade
PROJECT ADDRESS: 2615 E. Clinton
PROJECT NO.: 11-5789
PROJECT CONTACT: ☐ Troy Brooks ☒ Tim Thomas ☒ Chad Calhoun
CELL NO.: (559) 287-8357 284-5573 999-3417
FAX NO.: (559) 298-2281 OFFICE NO.: (559) 298-9135

	SAMPLE NO.	SAMPLE DESCRIPTION / COLLECTED FROM	MATRIX	TIME ON / TIME OFF	TOTAL TIME	FLOW RATES START	FLOW RATES STOP	FLOW RATES VOLUME	PCM (Air)	PLM (Bulk)	TEM (Air, Bulk)	Lead (Wipes)	Lead (Air)	Lead (Soil)	Lead (Paint)
31	7-01	MAT. LOC. 2nd Fl C 2-C1 WALL CEILING FLOOR MAT. DESC. 12x12 VFTW/ mastic	Bulk							4					
32	7-02	MAT. LOC. " C 2-1 WALL CEILING FLOOR MAT. DESC. " " "													
33	7-03	MAT. LOC. 3rd Fl C 38 WALL CEILING FLOOR MAT. DESC. " " "													
34	8-01	MAT. LOC. 1 nst Fl 1A 2C WALL CEILING FLOOR MAT. DESC. 12"x12" VFT offwhite w/mastic													
35	9-01	MAT. LOC. WALL CEILING FLOOR MAT. DESC. Stucco													
36	-02	MAT. LOC. WALL CEILING FLOOR MAT. DESC. "													
37	-03	MAT. LOC. WALL CEILING FLOOR MAT. DESC. "													
38	10-01	MAT. LOC. 1st Floor WALL CEILING FLOOR MAT. DESC. Fireproofing													
39	-02	MAT. LOC. 2nd Floor WALL CEILING FLOOR MAT. DESC. " "													
40	-03	MAT. LOC. 3rd Floor WALL CEILING FLOOR MAT. DESC. "	↓							4					

TRANSACTIONS	TIME	TRANSACTIONS	TIME	SHIPPING TO BE PAID BY
RELINQUISHED BY (SIGNATURE) Timothy Thomas DATE 3-9-11		ACCEPTED BY (SIGNATURE) Diana Federico DATE 3/11/11		LAB X
RELINQUISHED BY (SIGNATURE) Diana Federico DATE 3/11/11		ACCEPTED BY (SIGNATURE) DATE 3-11-11		CLIENT ____
				BROOKS ____

PCM NIOSH 7400 PLM 40 CFR - CHAP. 1, PART 763, SUBPART F APPENDIX A OR CURRENT EPA METHOD 600R-93/116 TEM AHERA OR YAMATE LEVEL II LEAD USEPA 7420 AIR NIOSH 7082 SOIL EPA 7000/7420 WIPES NIOSH 9100 WATER AIHA (METHOD 3113B) EPA 200.9)

PAGE 5 of 5

CHAIN OF CUSTODY RECORD

DATE 3/9/11 TESTING LAB EMC

REQUIRED TURN-AROUND TIME: ☐ 6 HOURS ☒ 24 HOURS ☒ 3 day

☒ EMAIL RESULTS TO: brooksconsult@sbcglobal.net

☐ FAX RESULTS TO: (559) 298-2281

☐ SEND RESULTS TO: 97363

BILLED TO

T. BROOKS AND ASSOCIATES, INC.
ROOF AND ENVIRONMENTAL CONSULTANTS
613 HARVARD AVE, SUITE 201 CLOVIS, CA 93612
(559) 298-9135 FAX: (559) 298-2281

PROJECT INFORMATION

PROJECT NAME: VA Bldg 24 Seismic upgrade
PROJECT ADDRESS: 2615 E. Clinton
PROJECT NO.: 11-5789
PROJECT CONTACT: ☐ Troy Brooks ☒ Tim Thomas ☒ Chad Calhoun
CELL NO.: (559) 287-8357 284-5573 999-3417
FAX NO.: (559) 298-2281 OFFICE NO.: (559) 298-9135

SAMPLE NO.	SAMPLE DESCRIPTION / COLLECTED FROM	MATRIX	TIME ON / TIME OFF	TOTAL TIME	FLOW RATES START	FLOW RATES STOP	FLOW RATES VOLUME	PCM (Air)	PLM (Bulk)	TEM (Air, Bulk)	Lead (Wipes)	Lead (Air)	Lead (Soil)	Lead (Paint)
41 11-01	MAT. LOC. 3rd Floor WALL CEILING FLOOR MAT. DESC. Roof core	Bulk							+					
42 11-02	MAT. LOC. North Roof WALL CEILING FLOOR MAT. DESC. Roof core	↓							+					
	MAT. LOC. WALL CEILING FLOOR MAT. DESC.													
43 12-01	MAT. LOC. 3rd Floor WALL CEILING FLOOR MAT. DESC. Roof Flashing	↓							+					
	MAT. LOC. WALL CEILING FLOOR MAT. DESC.													
	MAT. LOC. WALL CEILING FLOOR MAT. DESC.													
44 13-01	MAT. LOC. 3rd Floor WALL CEILING FLOOR MAT. DESC. Roof mastic	↓							+					
	MAT. LOC. WALL CEILING FLOOR MAT. DESC.													
	MAT. LOC. WALL CEILING FLOOR MAT. DESC.													
	MAT. LOC. WALL CEILING FLOOR MAT. DESC.													

TRANSACTIONS	TIME	TRANSACTIONS	TIME	SHIPPING TO BE PAID BY
RELINQUISHED BY (SIGNATURE) Timothy Mooney DATE 3-9-11		ACCEPTED BY (SIGNATURE) Diana Federico DATE 3/11/11		LAB X
RELINQUISHED BY (SIGNATURE) Diana Federico DATE 3/11/11		ACCEPTED BY (SIGNATURE) DATE 3-11-11		CLIENT ____
				BROOKS ____

PCM NIOSH 7400 PLM 40 CFR - CHAP. 1, PART 763, SUBPART F APPENDIX A OR CURRENT EPA METHOD 600R-93/116 TEM AHERA OR YAMATE LEVEL II LEAD USEPA 7420 AIR NIOSH 7082 SOIL EPA 7000/7420 WIPES NIOSH 9100 WATER AIHA (METHOD 3113B) EPA 200.9)

LEAD PAINT INSPECTION

Site: VA Building 24
2615 E. Clinton Avenue
Fresno, California

Prepared for: Veteran Administration

Project No. 11-5789
Site #1

Date: 3/9/2011

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Floor	Results	DI	Pbc	± Prec
3	3/9/2011 19:43	20.00	CALIBRATE - FRONT							Positive	1.06	1.00	0.10
4	3/9/2011 19:46	20.00	CALIBRATE - FRONT							Positive	1.13	1.10	0.10
5	3/9/2011 19:49	20.00	CALIBRATE - FRONT							Positive	1.07	1.00	0.10
6	3/9/2011 20:03	1.07	WALL	DRYWALL	A	INTACT	BEIGE	1A-02	FIRST	Negative	1.00	0.00	0.02
7	3/9/2011 20:03	1.07	WALL	DRYWALL	B	INTACT	BEIGE	1A-02	FIRST	Negative	1.26	0.00	0.03
8	3/9/2011 20:03	1.23	WALL	DRYWALL	C	INTACT	BEIGE	1A-02	FIRST	Negative	1.00	0.00	0.02
9	3/9/2011 20:03	1.06	WALL	DRYWALL	D	INTACT	BEIGE	1A-02	FIRST	Negative	1.00	0.00	0.02
10	3/9/2011 20:04	1.07	CEILING	DRYWALL		INTACT	BEIGE	1A-02	FIRST	Negative	1.00	0.00	0.02
11	3/9/2011 20:04	0.49	WALL	CERAMIC TILE	A	INTACT	BLUE	1A-02	FIRST	Positive	1.77	3.00	1.90
12	3/9/2011 20:05	1.07	FLOOR	CERAMIC TILE	Floor	INTACT	GREY	1A-02	FIRST	Negative	1.15	0.01	0.03
13	3/9/2011 20:06	1.07	FIXTURES	METAL		INTACT	BEIGE	1A-02	FIRST	Negative	1.19	0.14	0.13
14	3/9/2011 20:06	1.07	DR. CASING	METAL	C	INTACT	BEIGE	1A-02	FIRST	Negative	1.13	0.02	0.05
15	3/9/2011 20:08	1.07	DR. CASING	METAL	D	INTACT	BEIGE	1A-04	FIRST	Negative	1.00	0.03	0.05
16	3/9/2011 20:08	0.33	WALL	CERAMIC TILE	C	INTACT	BLUE	1A-04	FIRST	Positive	2.20	4.80	3.80
17	3/9/2011 20:09	1.07	FLOOR	CERAMIC TILE	Floor	INTACT	GREY	1A-04	FIRST	Negative	2.76	0.02	0.07
18	3/9/2011 20:10	1.07	CEILING	DRYWALL		INTACT	BEIGE	1A-04	FIRST	Negative	1.00	0.00	0.02
19	3/9/2011 20:10	3.29	WALL	DRYWALL	A	INTACT	BEIGE	1A-04	FIRST	Negative	1.00	0.00	0.02
20	3/9/2011 20:11	1.07	WALL	DRYWALL	B	INTACT	BEIGE	1A-04	FIRST	Negative	1.00	0.00	0.02
21	3/9/2011 20:11	1.07	WALL	DRYWALL	C	INTACT	BEIGE	1A-04	FIRST	Negative	1.00	0.00	0.02
22	3/9/2011 20:12	1.07	WALL	DRYWALL	D	INTACT	BEIGE	1A-04	FIRST	Negative	1.00	0.00	0.02
23	3/9/2011 20:18	2.97	WALL COVERING	DRYWALL	B	INTACT	BEIGE	1A-05	FIRST	Negative	1.00	0.00	0.02
24	3/9/2011 20:18	1.06	DR. CASING	METAL	B	INTACT	BEIGE	1A-05	FIRST	Negative	1.00	0.00	0.02
25	3/9/2011 20:19	1.07	WALL	DRYWALL	B	INTACT	BEIGE	1A-05	FIRST	Negative	1.00	0.00	0.02
26	3/9/2011 20:19	0.33	WALL	DRYWALL	C	INTACT	BEIGE	1A-05	FIRST	Null	10.00	0.00	0.21
27	3/9/2011 20:20	1.07	WALL	DRYWALL	C	INTACT	BEIGE	1A-05	FIRST	Negative	1.00	0.00	0.02
28	3/9/2011 20:22	1.97	WALL	DRYWALL	B	INTACT	BEIGE	1A-28	FIRST	Negative	1.00	0.00	0.02
29	3/9/2011 20:23	2.71	WALL	CONCRETE	B	INTACT	BEIGE	1A-28	FIRST	Negative	1.00	0.00	0.02
30	3/9/2011 20:23	1.15	WALL	DRYWALL	C	INTACT	BEIGE	1A-28	FIRST	Negative	1.00	0.00	0.02
31	3/9/2011 20:24	1.07	WALL	DRYWALL	D	INTACT	BEIGE	1A-28	FIRST	Negative	1.00	0.00	0.02
32	3/9/2011 20:26	1.07	WALL	DRYWALL	D	INTACT	BEIGE	1A-22	FIRST	Negative	1.00	0.00	0.02
33	3/9/2011 20:27	2.15	DOOR	METAL	D	INTACT	BROWN	1A-22	FIRST	Negative	3.60	0.03	0.10

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LEAD PAINT INSPECTION

Site: VA Building 24
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Project No. 11-5789
Site #1

Date: 3/9/2011

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Floor	Results	DI	Pbc	± Prec
34	3/9/2011 20:27	3.05	DR. CASING	METAL	D	INTACT	BROWN	1A-22	FIRST	Negative	1.00	0.00	0.02
35	3/9/2011 20:29	1.07	WALL	DRYWALL	A	INTACT	BEIGE	1A-23	FIRST	Negative	1.00	0.00	0.02
36	3/9/2011 20:29	1.07	WALL	DRYWALL	B	INTACT	BEIGE	1A-23	FIRST	Negative	1.00	0.00	0.02
37	3/9/2011 20:30	1.07	WALL	DRYWALL	C	INTACT	BEIGE	1A-23	FIRST	Negative	1.00	0.00	0.02
38	3/9/2011 20:30	1.07	WALL	DRYWALL	D	INTACT	BEIGE	1A-23	FIRST	Negative	1.00	0.00	0.02
39	3/9/2011 20:32	1.07	WALL	DRYWALL	D	INTACT	BEIGE	1A-28	FIRST	Negative	1.05	0.00	0.02
40	3/9/2011 20:44	2.31	CORRIDOR WALL	STUCCO	C	INTACT	BEIGE	EXTERIOR	FIRST	Negative	1.00	0.00	0.02
41	3/9/2011 20:45	0.41	CORRIDOR WALL	CERAMIC TILE	A	INTACT	BLUE	EXTERIOR	FIRST	Positive	1.96	3.40	2.40
42	3/9/2011 20:46	1.48	LOW WALL	CONCRETE	A	INTACT	BEIGE	C-11	FIRST	Negative	1.00	0.00	0.02
43	3/9/2011 20:47	1.07	DOOR	METAL	D	INTACT	BROWN	C-11	FIRST	Negative	1.00	0.00	0.02
44	3/9/2011 20:47	0.25	DR. CASING	METAL	D	INTACT	BROWN	C-11	FIRST	Null	1.00	0.00	0.02
45	3/9/2011 20:47	1.07	DR. CASING	METAL	D	INTACT	BROWN	C-11	FIRST	Negative	1.00	0.00	0.02
46	3/9/2011 20:49	1.07	STR HAND RAIL	METAL		INTACT	BEIGE	STAIR #1	FIRST	Negative	1.00	0.01	0.03
47	3/9/2011 20:54	1.07	WALL COVERING	DRYWALL	D	INTACT	PINK	1A-10	FIRST	Negative	1.00	0.00	0.02
48	3/9/2011 20:55	1.40	WALL COVERING	DRYWALL	A	INTACT	PINK	1A-10	FIRST	Negative	1.00	0.00	0.02
49	3/9/2011 20:55	1.24	WALL COVERING	DRYWALL	B	INTACT	PINK	1A-10	FIRST	Negative	1.00	0.00	0.02
50	3/9/2011 20:56	1.07	DOOR	METAL	A	INTACT	BROWN	1A-10	FIRST	Negative	1.00	0.00	0.02
51	3/9/2011 20:57	1.98	DR. CASING	METAL	A	INTACT	BROWN	1A-10	FIRST	Negative	1.00	0.00	0.02
52	3/9/2011 20:59	1.07	WALL	DRYWALL	A	INTACT	BEIGE	1A-12	FIRST	Negative	1.00	0.00	0.02
53	3/9/2011 20:59	1.65	WALL COVERING	DRYWALL	B	INTACT	PINK	1A-12	FIRST	Negative	1.00	0.00	0.02
54	3/9/2011 21:00	1.40	WALL COVERING	DRYWALL	C	INTACT	PINK	1A-13	FIRST	Negative	1.00	0.00	0.02
55	3/9/2011 21:01	1.15	WALL COVERING	DRYWALL	C	INTACT	PINK	1A-11	FIRST	Negative	1.00	0.00	0.02
56	3/9/2011 21:02	1.07	WALL COVERING	DRYWALL	D	INTACT	PINK	1A-20	FIRST	Negative	1.00	0.00	0.02
57	3/9/2011 21:08	1.07	WALL COVERING	DRYWALL	D	INTACT	PINK	1A-21	FIRST	Negative	1.00	0.00	0.02
58	3/9/2011 21:08	1.64	WALL	DRYWALL	D	INTACT	BEIGE	1A-21	FIRST	Negative	1.00	0.00	0.02
59	3/9/2011 21:10	1.15	WALL	DRYWALL	A	INTACT	BEIGE	1A-18	FIRST	Negative	1.00	0.00	0.02
60	3/9/2011 21:11	1.40	WALL	DRYWALL	C	INTACT	BEIGE	1A-18	FIRST	Negative	1.00	0.00	0.02
61	3/9/2011 21:12	1.07	WALL COVERING	DRYWALL	A	INTACT	PINK	1A-16	FIRST	Negative	1.00	0.00	0.02
62	3/9/2011 21:13	1.07	WALL COVERING	DRYWALL	D	INTACT	PINK	1A-16	FIRST	Negative	1.00	0.00	0.02
63	3/9/2011 21:15	1.32	WALL COVERING	DRYWALL	C	INTACT	PINK	1A-17	FIRST	Negative	1.00	0.00	0.02
64	3/9/2011 21:15	1.07	WALL	DRYWALL	A	INTACT	BEIGE	1A-17	FIRST	Negative	1.00	0.00	0.02

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LEAD PAINT INSPECTION

Site: VA Building 24
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Project No. 11-5789
Site #1

Date: 3/9/2011

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Floor	Results	DI	Pbc	± Prec
65	3/9/2011 21:24	1.57	WALL	STUCCO	A	INTACT	BEIGE	EXTERIOR	SECOND	Null	1.00	0.00	0.02
66	3/9/2011 21:25	1.48	WALL	STUCCO	A	INTACT	BEIGE	EXTERIOR	SECOND	Negative	1.00	0.00	0.02
67	3/9/2011 21:34	1.07	WALL	DRYWALL	A	INTACT	BEIGE	1B-1	FIRST	Negative	1.11	0.00	0.02
68	3/9/2011 21:34	1.07	WALL	DRYWALL	B	INTACT	BEIGE	1B-1	FIRST	Negative	1.00	0.00	0.02
69	3/9/2011 21:35	1.40	WALL	DRYWALL	C	INTACT	BEIGE	1B-1	FIRST	Negative	1.45	0.00	0.02
70	3/9/2011 21:35	1.07	WALL	DRYWALL	D	INTACT	BEIGE	1B-1	FIRST	Negative	1.00	0.00	0.02
71	3/9/2011 21:37	1.07	CEILING	DRYWALL		INTACT	BEIGE	1B-1	FIRST	Negative	1.00	0.00	0.02
72	3/9/2011 21:38	1.07	DR. CASING	METAL	D	INTACT	BEIGE	1B-1	FIRST	Negative	1.00	0.02	0.04
73	3/9/2011 21:41	1.07	DR. CASING	METAL	C	INTACT	BEIGE	1B-1	FIRST	Negative	1.84	0.05	0.10
74	3/9/2011 21:50	1.07	DR. CASING	METAL	C	INTACT	BEIGE	2A-2	SECOND	Negative	3.36	0.10	0.20
75	3/9/2011 21:50	1.07	FIXTURE	METAL		INTACT	ORANGE	2A-2	SECOND	Negative	1.00	0.17	0.18
76	3/9/2011 21:51	1.07	WALL	DRYWALL	A	INTACT	BEIGE	2A-2	SECOND	Negative	1.26	0.00	0.03
77	3/9/2011 21:51	1.07	WALL	DRYWALL	B	INTACT	BEIGE	2A-2	SECOND	Negative	1.00	0.00	0.02
78	3/9/2011 21:51	1.07	WALL	DRYWALL	C	INTACT	BEIGE	2A-2	SECOND	Negative	1.00	0.00	0.02
79	3/9/2011 21:52	1.07	WALL	DRYWALL	D	INTACT	BEIGE	2A-2	SECOND	Negative	1.00	0.00	0.02
80	3/9/2011 21:52	1.07	CEILING	DRYWALL		INTACT	BEIGE	2A-2	SECOND	Negative	1.00	0.00	0.02
81	3/9/2011 21:52	0.41	WALL	CERAMIC TILE	A	INTACT	BLUE	2A-2	SECOND	Positive	2.55	5.20	3.90
82	3/9/2011 21:53	0.41	WALL	CERAMIC TILE	D	INTACT	BLUE	2A-2	SECOND	Positive	1.89	3.40	2.30
83	3/9/2011 21:53	0.41	WALL	CERAMIC TILE	A	INTACT	BLUE	2A-6	SECOND	Positive	2.44	5.20	3.80
84	3/9/2011 21:54	1.07	FLOOR	CERAMIC TILE	Floor	INTACT	GREY	2A-6	SECOND	Negative	2.06	0.01	0.06
85	3/9/2011 21:54	1.07	FLOOR	CERAMIC TILE	Floor	INTACT	GREY	2A-2	SECOND	Negative	1.92	0.01	0.05
86	3/9/2011 21:55	1.07	DR. CASING	METAL	D	INTACT	BEIGE	2A-6	SECOND	Negative	2.59	0.09	0.16
87	3/9/2011 21:55	1.07	WALL	DRYWALL	D	INTACT	BEIGE	2A-6	SECOND	Negative	1.00	0.00	0.02
88	3/9/2011 21:55	1.07	WALL	DRYWALL	C	INTACT	BEIGE	2A-6	SECOND	Negative	1.00	0.00	0.02
89	3/9/2011 21:56	1.07	WALL	DRYWALL	B	INTACT	BEIGE	2A-6	SECOND	Negative	7.98	0.05	0.22
90	3/9/2011 21:56	1.07	WALL	DRYWALL	A	INTACT	BEIGE	2A-6	SECOND	Negative	1.00	0.00	0.02
91	3/9/2011 21:56	1.07	CEILING	DRYWALL		INTACT	BEIGE	2A-6	SECOND	Negative	2.04	0.01	0.04
92	3/9/2011 21:57	0.41	WALL	CERAMIC TILE	A	INTACT	BLUE	C2-1	SECOND	Positive	1.99	3.60	2.50
93	3/9/2011 21:59	1.08	DR. CASING	METAL	A	INTACT	GREY	C2-1	SECOND	Negative	1.79	0.02	0.06
94	3/9/2011 21:59	1.15	WALL	DRYWALL	A	INTACT	BEIGE	C2-1	SECOND	Negative	4.16	0.01	0.08
95	3/9/2011 22:00	2.05	LOW WALL	CONCRETE	A	INTACT	BEIGE	C2-2	SECOND	Negative	1.00	0.00	0.02

LEAD PAINT INSPECTION

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96	3/9/2011 22:04	1.07	LOW WALL	DRYWALL	B	INTACT	WHITE	2A-12	SECOND	Negative	1.00	0.00	0.02
97	3/9/2011 22:07	1.07	WALL	DRYWALL	A	INTACT	BEIGE	2A-32	SECOND	Negative	1.00	0.00	0.02
98	3/9/2011 22:07	1.89	WALL	DRYWALL	B	INTACT	BEIGE	2A-32	SECOND	Negative	1.00	0.00	0.02
99	3/9/2011 22:08	1.07	WALL	DRYWALL	D	INTACT	BEIGE	2A-32	SECOND	Negative	1.00	0.00	0.02
100	3/9/2011 22:09	2.14	WALL	DRYWALL	A	INTACT	WHITE	2A-30	SECOND	Negative	1.00	0.00	0.02
101	3/9/2011 22:09	1.07	WALL	DRYWALL	B	INTACT	WHITE	2A-30	SECOND	Negative	1.00	0.00	0.02
102	3/9/2011 22:10	1.97	WALL	DRYWALL	A	INTACT	WHITE	2A-28	SECOND	Negative	1.00	0.00	0.02
103	3/9/2011 22:12	1.23	WALL	DRYWALL	C	INTACT	WHITE	2A-25	SECOND	Negative	3.40	0.01	0.06
104	3/9/2011 22:13	1.07	WALL COVERING	DRYWALL	D	INTACT	GREY	2A-25	SECOND	Negative	1.39	0.01	0.03
105	3/9/2011 22:14	1.15	WALL	DRYWALL	C	INTACT	GREY	2A-23A	SECOND	Negative	2.02	0.00	0.03
106	3/9/2011 22:15	1.23	WALL	DRYWALL	C	INTACT	BLUE	2A-21A	SECOND	Negative	1.29	0.01	0.03
107	3/9/2011 22:16	1.07	DR. CASING	METAL	C	INTACT	BROWN	2A-21A	SECOND	Negative	1.00	0.04	0.06
108	3/9/2011 22:17	1.31	WALL	DRYWALL	C	Not Intact- FAIR	BEIGE	2A-19	SECOND	Negative	1.00	0.00	0.02
109	3/9/2011 22:18	1.89	WALL	DRYWALL	A	INTACT	BEIGE	2A-17	SECOND	Negative	1.00	0.00	0.02
110	3/9/2011 22:21	0.50	DR. CASING	METAL	A	INTACT	GREY	2A-17	SECOND	Null	1.35	0.02	0.10
111	3/9/2011 22:21	1.07	DR. CASING	METAL	A	INTACT	GREY	2A-17	SECOND	Negative	1.49	0.03	0.06
112	3/9/2011 22:22	1.07	DR. CASING	METAL	B	INTACT	BEIGE	2A-17A	SECOND	Negative	1.00	0.00	0.02
113	3/9/2011 22:23	1.81	WALL	DRYWALL	C	INTACT	BEIGE	2A-17A	SECOND	Negative	1.00	0.00	0.02
114	3/9/2011 22:23	1.31	WALL	DRYWALL	C	INTACT	BEIGE	2A-17B	SECOND	Negative	1.00	0.00	0.02
115	3/9/2011 22:25	1.07	WALL	DRYWALL	C	INTACT	BEIGE	2A-13	SECOND	Negative	1.25	0.00	0.02
116	3/9/2011 22:26	1.07	DR. CASING	METAL	B	INTACT	GREY	2A-11	SECOND	Negative	1.00	0.00	0.02
117	3/9/2011 22:28	1.39	WALL	DRYWALL	D	INTACT	BEIGE	2A-07A	SECOND	Negative	1.00	0.00	0.02
118	3/9/2011 22:33	1.07	DR. CASING	METAL	D	INTACT	BROWN	2A-05B	SECOND	Negative	1.00	0.04	0.06
119	3/9/2011 22:34	1.07	DR. CASING	METAL	C	INTACT	BROWN	2A-05A	SECOND	Negative	1.00	0.03	0.06
120	3/9/2011 22:35	1.07	DR. CASING	METAL	C	INTACT	BROWN	2A-03A	SECOND	Negative	1.00	0.01	0.04
121	3/9/2011 22:35	1.07	DR. CASING	METAL	B	INTACT	GREY	2A-03A	SECOND	Negative	2.54	0.06	0.13
122	3/9/2011 23:37	1.07	WALL	DRYWALL	A	INTACT	BEIGE	3A-02	THIRD	Negative	1.00	0.00	0.02
123	3/9/2011 23:39	0.58	WALL	DRYWALL	B	INTACT	BEIGE	3A-02	THIRD	Null	10.00	0.02	0.28
124	3/9/2011 23:39	1.15	WALL	DRYWALL	B	INTACT	BEIGE	3A-02	THIRD	Negative	1.00	0.00	0.02
125	3/9/2011 23:40	1.07	WALL	DRYWALL	C	INTACT	BEIGE	3A-02	THIRD	Negative	1.00	0.00	0.02
126	3/9/2011 23:40	1.07	WALL	DRYWALL	D	INTACT	BEIGE	3A-02	THIRD	Negative	1.00	0.00	0.02

LEAD PAINT INSPECTION

Site: VA Building 24
2615 E. Clinton Avenue
Fresno, California

Prepared for: Veteran Administration

Project No. 11-5789
Site #1

Date: 3/9/2011

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Floor	Results	DI	Pbc	± Prec
127	3/9/2011 23:40	1.07	CEILING	DRYWALL		INTACT	BEIGE	3A-02	THIRD	Negative	1.00	0.00	0.02
128	3/9/2011 23:41	1.07	DR. CASING	METAL	C	INTACT	BEIGE	3A-02	THIRD	Negative	1.66	0.02	0.06
129	3/9/2011 23:42	1.07	FLOOR	CERAMIC TILE	Floor	INTACT	GREY	3A-02	THIRD	Negative	1.00	0.00	0.02
130	3/9/2011 23:42	0.50	WALL	CERAMIC TILE	A	INTACT	BLUE	3A-02	THIRD	Positive	1.66	2.80	1.70
131	3/9/2011 23:43	0.41	WALL	CERAMIC TILE	C	INTACT	BLUE	3A-04	THIRD	Positive	1.94	3.50	2.40
132	3/9/2011 23:44	1.07	FLOOR	CERAMIC TILE	Floor	INTACT	GREY	3A-04	THIRD	Negative	1.00	0.00	0.02
133	3/9/2011 23:45	1.40	WALL	DRYWALL	A	INTACT	BEIGE	3A-04	THIRD	Negative	1.00	0.00	0.02
134	3/9/2011 23:45	1.32	WALL	DRYWALL	B	INTACT	BEIGE	3A-04	THIRD	Negative	1.00	0.00	0.02
135	3/9/2011 23:46	1.07	WALL	DRYWALL	C	INTACT	BEIGE	3A-04	THIRD	Negative	1.00	0.00	0.02
136	3/9/2011 23:46	1.07	WALL	DRYWALL	D	INTACT	BEIGE	3A-04	THIRD	Negative	1.00	0.00	0.02
137	3/9/2011 23:46	1.07	CEILING	DRYWALL		INTACT	BEIGE	3A-04	THIRD	Negative	9.04	< LOD	0.00
138	3/9/2011 23:46	1.07	CEILING	DRYWALL		INTACT	BEIGE	3A-04	THIRD	Negative	1.00	0.00	0.02
139	3/9/2011 23:47	1.07	DR. CASING	METAL	D	INTACT	BEIGE	3A-04	THIRD	Negative	3.96	0.13	0.25
140	3/9/2011 23:50	0.41	WALL	CERAMIC TILE	A	INTACT	BEIGE	C3-02	THIRD	Positive	1.83	3.30	2.30
141	3/9/2011 23:51	1.06	WALL	DRYWALL	C	INTACT	BEIGE	C3-02	THIRD	Negative	2.12	0.01	0.04
142	3/9/2011 23:51	0.25	WNDW SILL	DRYWALL	C	INTACT	NATURAL	C3-02	THIRD	Null	1.00	0.02	0.13
143	3/9/2011 23:52	1.07	WNDW SILL	DRYWALL	C	INTACT	GREY	C3-02	THIRD	Negative	1.65	0.02	0.06
144	3/9/2011 23:53	1.07	WNDW SILL	DRYWALL	B	INTACT	GREY	C3-02	THIRD	Negative	1.00	0.01	0.03
145	3/9/2011 23:54	1.07	DR. CASING	METAL	B	INTACT	GREY	C3-02	THIRD	Negative	1.38	0.02	0.06
146	3/9/2011 23:54	1.07	WALL	DRYWALL	B	INTACT	BEIGE	C3-02	THIRD	Negative	1.00	0.00	0.02
147	3/9/2011 23:55	1.56	WALL	DRYWALL	D	INTACT	BEIGE	C3-02	THIRD	Negative	1.00	0.00	0.02
148	3/9/2011 23:55	1.07	WALL	DRYWALL	B	INTACT	BEIGE	C3-03	THIRD	Negative	1.00	0.00	0.02
149	3/9/2011 23:58	0.57	WALL	DRYWALL	B	INTACT	WHITE	3A-14	THIRD	Null	1.00	0.00	0.02
150	3/9/2011 23:58	1.48	WALL	DRYWALL	B	INTACT	WHITE	3A-14	THIRD	Null	1.00	0.00	0.02
151	3/9/2011 23:58	1.73	WALL	DRYWALL	B	INTACT	WHITE	3A-14	THIRD	Negative	1.00	0.00	0.02
152	3/10/2011 0:01	1.07	WALL	DRYWALL	D	INTACT	BEIGE	3A-17	THIRD	Negative	1.00	0.00	0.02
153	3/10/2011 0:01	1.07	WALL	DRYWALL	B	INTACT	BEIGE	3A-18	THIRD	Negative	1.00	0.00	0.02
154	3/10/2011 0:02	1.07	WALL	DRYWALL	C	INTACT	BEIGE	C3-05	THIRD	Negative	1.00	0.00	0.02
155	3/10/2011 0:03	1.15	WALL	DRYWALL	A	INTACT	BEIGE	3A-21	THIRD	Negative	1.00	0.00	0.02
156	3/10/2011 0:04	1.07	DR. CASING	METAL	A	INTACT	WHITE	3A-21	THIRD	Negative	1.00	0.01	0.03
157	3/10/2011 0:04	1.07	DR. CASING	METAL	C	INTACT	GREY	C3-06	THIRD	Negative	7.65	0.11	0.35

LEAD PAINT INSPECTION

Site: VA Building 24
2615 E. Clinton Avenue
Fresno, California

Prepared for: Veteran Administration

Project No. 11-5789
Site #1

Date: 3/9/2011

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Floor	Results	DI	Pbc	± Prec
158	3/10/2011 0:05	1.07	WALL	DRYWALL	A	Not Intact-POOR	BEIGE	C3-06	THIRD	Negative	1.00	0.00	0.02
159	3/10/2011 0:06	1.31	WALL	DRYWALL	C	INTACT	BEIGE	3A-21	THIRD	Negative	1.00	0.00	0.02
160	3/10/2011 0:07	1.23	WALL	DRYWALL	D	INTACT	BEIGE	3A-24	THIRD	Negative	1.00	0.00	0.02
161	3/10/2011 0:08	1.06	WALL	DRYWALL	B	INTACT	BEIGE	3A-25	THIRD	Negative	1.00	0.00	0.02
162	3/10/2011 0:08	1.06	WALL	DRYWALL	C	INTACT	BEIGE	C3-07	THIRD	Negative	1.00	0.00	0.02
163	3/10/2011 0:09	1.31	WALL	DRYWALL	C	INTACT	BEIGE	C3-08	THIRD	Negative	1.00	0.00	0.02
164	3/10/2011 0:11	1.40	WALL	CONCRETE	A	INTACT	BEIGE	C3-01	THIRD	Negative	1.00	0.00	0.02
165	3/10/2011 0:16	0.16	WALL	STUCCO	B	INTACT	BEIGE	EXTERIOR		Null	1.00	0.00	0.02
166	3/10/2011 0:16	0.99	WALL	STUCCO	B	INTACT	BEIGE	EXTERIOR		Null	1.00	0.00	0.03
167	3/10/2011 0:16	0.58	WALL	STUCCO	B	INTACT	BEIGE	EXTERIOR		Null	1.00	0.00	0.02
168	3/10/2011 0:17	1.56	WALL	STUCCO	B	INTACT	BEIGE	EXTERIOR		Negative	1.00	0.00	0.02
169	3/10/2011 0:17	1.89	WALL	STUCCO	C	INTACT	BEIGE	EXTERIOR		Negative	1.00	0.00	0.02
170	3/10/2011 0:18	1.82	WALL	STUCCO	D	INTACT	BEIGE	EXTERIOR		Negative	1.00	0.00	0.02
171	3/10/2011 0:31	20.00	CALIBRATE - BACK							Positive	1.05	1.00	0.10
172	3/10/2011 0:33	14.92	CALIBRATE - BACK							Null	1.07	1.00	0.10
173	3/10/2011 0:36	20.00	CALIBRATE - BACK							Positive	1.06	1.00	0.10
174	3/10/2011 0:39	20.00	CALIBRATE - BACK							Positive	1.10	1.00	0.10

*** Indications as to positive (POS) or negative (NEG) are based on comparison to 1.0 mg/cm².**
Cal/OSHA regulates operations which disturb lead in any detectable amount.
Refer to the enclosed Cal/OSHA Regulation 8 CCR 1523.1 for requirements.

Prepared by
BROOKS and ASSOC.

LEAD PAINT INSPECTION

POSITIVE RESULTS

Site: VA Building 24
2615 E. Clinton Avenue
Fresno, California

Prepared for: Veteran Administration

Project No. 11-5789
Site # 1

Date: 3/9/2011

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Floor	Results	DI	Pbc	± Prec
11	3/9/2011 20:04	0.49	WALL	CERAMIC TILE	A	INTACT	BLUE	1A-02	FIRST	Positive	1.77	3.00	1.90
16	3/9/2011 20:08	0.33	WALL	CERAMIC TILE	C	INTACT	BLUE	1A-04	FIRST	Positive	2.20	4.80	3.80
41	3/9/2011 20:45	0.41	CORRIDOR WALL	CERAMIC TILE	A	INTACT	BLUE	EXTERIOR	FIRST	Positive	1.96	3.40	2.40
81	3/9/2011 21:52	0.41	WALL	CERAMIC TILE	A	INTACT	BLUE	2A-2	SECOND	Positive	2.55	5.20	3.90
82	3/9/2011 21:53	0.41	WALL	CERAMIC TILE	D	INTACT	BLUE	2A-2	SECOND	Positive	1.89	3.40	2.30
83	3/9/2011 21:53	0.41	WALL	CERAMIC TILE	A	INTACT	BLUE	2A-6	SECOND	Positive	2.44	5.20	3.80
92	3/9/2011 21:57	0.41	WALL	CERAMIC TILE	A	INTACT	BLUE	C2-1	SECOND	Positive	1.99	3.60	2.50
130	3/9/2011 23:42	0.50	WALL	CERAMIC TILE	A	INTACT	BLUE	3A-02	THIRD	Positive	1.66	2.80	1.70
131	3/9/2011 23:43	0.41	WALL	CERAMIC TILE	C	INTACT	BLUE	3A-04	THIRD	Positive	1.94	3.50	2.40
140	3/9/2011 23:50	0.41	WALL	CERAMIC TILE	A	INTACT	BEIGE	C3-02	THIRD	Positive	1.83	3.30	2.30

*** Indications as to positive (POS) or negative (NEG) are based on comparison to 1.0 mg/cm².**
Cal/OSHA regulates operations which disturb lead in any detectable amount.
Refer to the enclosed Cal/OSHA Regulation 8 CCR 1523.1 for requirements.

Prepared by
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(559) 298-2281 - fax

PROJECT NO. 11-5789

DATE 3/9/2011

CALIBRATION CHECK TEXT RESULTS

TBA FORM #7

Address / Unit No.	**Veterans Administration Building 24**
	2615 E. Clinton Avenue
	Fresno, California
Name of inspector	**Chad Calhoun**
Device	**Niton XL 309**
XRF Serial No.	**U1847NR3578**

Calibration Check Tolerance Used 1.04

First Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm²			First Average	Difference between First Average and 1.04 mb/cm² *
First Reading	Second Reading	Third Reading		
1.06	1.13	1.07	1.09	0.05

Second Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm²			Second Average	Difference between Second Average and 1.04 mb/cm² *
First Reading	Second Reading	Third Reading		
1.05	1.06	1.10	1.07	0.03

Third Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm²			Third Average	Difference between Third Average and 1.04 mb/cm² *
First Reading	Second Reading	Third Reading		

Fourth Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm²			Fourth Average	Difference between Fourth Average and 1.04 mb/cm² *
First Reading	Second Reading	Third Reading		

* If the difference of the Calibration Check Average from the gray NIST SRM 1.04 mg/cm² film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.